

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079688.D
 Acq On : 25 Oct 2023 17:49
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 26 01:39:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

10/26/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.818	128	24127	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	171480	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	213126	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	109148	31.819	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.067%
60) 4-Bromofluorobenzene	12.853	95	125507	32.202	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	107.333%
63) Toluene-d8	10.570	98	281902	30.868	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	57183	16.343	ug/l	99
3) Chloromethane	2.365	50	71552	15.778	ug/l	93
4) Vinyl Chloride	2.518	62	79466	16.237	ug/l	98
5) Bromomethane	2.965	94	44771	14.754	ug/l	93
6) Chloroethane	3.124	64	61998	17.998	ug/l	97
7) Trichlorofluoromethane	3.500	101	124259	20.806	ug/l	96
8) Diethyl Ether	3.971	74	39886	18.428	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	71748	20.998	ug/l	77
10) 1,1-Dichloroethene	4.347	96	61376	18.880	ug/l	92
11) Methyl Iodide	4.594	142	70244	19.516	ug/l	98
12) Methyl Acetate	5.030	43	159097	20.301	ug/l	91
13) Acrolein	4.188	56	62010	95.719	ug/l	99
14) Acrylonitrile	5.724	53	196069	104.471	ug/l	98
15) Acetone	4.430	58	55930	94.075	ug/l	79
16) Carbon Disulfide	4.712	76	178544	18.011	ug/l	98
17) Allyl chloride	5.030	41	92880	18.531	ug/l	99
18) Methylene Chloride	5.288	84	82863	20.709	ug/l	97
19) trans-1,2-Dichloroethene	5.788	96	72640	19.973	ug/l	96
20) Diisopropyl ether	6.682	45	250874	21.109	ug/l	99
21) 1,1-Dichloroethane	6.571	63	151464	20.973	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	84603	20.197	ug/l	97
23) tert-Butyl Alcohol	5.518	59	55585	88.571	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	216925	19.887	ug/l	98
25) Chloroform	7.971	83	157856	21.632	ug/l	93
26) Cyclohexane	8.259	56	110188	20.184	ug/l #	99
29) 1,1-Dichloropropene	8.376	75	108625	21.676	ug/l	98
30) 2-Butanone	7.488	43	263939	105.074	ug/l	100
31) 2,2-Dichloropropane	7.494	77	116673	20.649	ug/l	99
32) 1,1,1-Trichloroethane	8.176	97	133263	22.374	ug/l	99
33) Carbon Tetrachloride	8.371	117	114175	22.539	ug/l	98
34) Benzene	8.612	78	333723	21.919	ug/l	96
35) Methacrylonitrile	7.782	41	56731	21.469	ug/l	95
36) 1,2-Dichloroethane	8.676	62	124099	22.828	ug/l	99
37) Trichloroethene	9.359	130	74533	20.942	ug/l	96
38) Methylcyclohexane	9.606	83	101696	21.077	ug/l	98
39) 1,2-Dichloropropane	9.629	63	88068	21.919	ug/l	100
40) Dibromomethane	9.712	93	59120	22.421	ug/l	99
41) Bromodichloromethane	9.888	83	123812	22.657	ug/l	96
42) Vinyl Acetate	6.612	43	655754	102.910	ug/l	99

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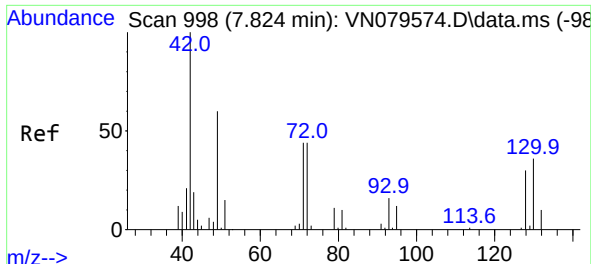
Manual Integrations APPROVED

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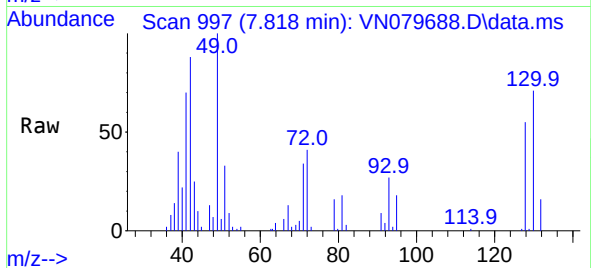
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.565	43	105186	22.269	ug/l	#	81
44) Isopropyl Acetate	8.694	43	166058	19.777	ug/l		96
45) 1,4-Dioxane	9.700	88	26518	403.461	ug/l		95
46) Methyl methacrylate	9.682	41	79397	21.314	ug/l		94
47) n-amyl Acetate	12.500	43	116212	19.177	ug/l		94
48) t-1,3-Dichloropropene	10.841	75	113721	20.586	ug/l		95
49) cis-1,3-Dichloropropene	10.317	75	130100	21.537	ug/l		93
50) 1,1,2-Trichloroethane	11.023	97	81184	22.193	ug/l		97
51) Ethyl methacrylate	10.876	69	104818	20.769	ug/l		96
52) 1,3-Dichloropropane	11.164	76	142818	22.038	ug/l		99
53) Dibromochloromethane	11.364	129	84924	22.715	ug/l		100
54) 1,2-Dibromoethane	11.470	107	77770	21.550	ug/l		96
55) 2-Chloroethyl vinyl ether	10.165	63	184829	95.986	ug/l		98
56) Bromoform	12.582	173	54302	21.956	ug/l		98
58) 4-Methyl-2-Pentanone	10.447	43	549865	110.613	ug/l		100
59) 2-Hexanone	11.200	43	384276	105.369	ug/l		99
61) Tetrachloroethene	11.106	164	64834	22.156	ug/l		96
62) Toluene	10.635	91	344975	21.179	ug/l		99
64) Chlorobenzene	11.894	112	199837	21.154	ug/l		94
65) 1,1,1,2-Tetrachloroethane	11.964	131	79660	22.136	ug/l		96
66) Ethyl Benzene	11.970	91	351270	20.931	ug/l		100
67) m/p-Xylenes	12.076	106	268432	43.245	ug/l		93
68) o-Xylene	12.406	106	125737	21.189	ug/l		98
69) Styrene	12.417	104	206750	21.947	ug/l		100
70) Isopropylbenzene	12.700	105	319355	20.971	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.941	83	118610	21.905	ug/l		100
72) 1,2,3-Trichloropropane	12.994	75	106698m	21.698	ug/l		
73) Bromobenzene	12.982	156	74509	20.828	ug/l		93
74) n-propylbenzene	13.041	91	391170	22.063	ug/l		99
75) 2-Chlorotoluene	13.129	91	241336	21.896	ug/l		100
76) 1,3,5-Trimethylbenzene	13.176	105	286207	22.990	ug/l		99
77) t-1,4-Dichloro-2-butene	12.741	75	30388	20.248	ug/l		97
78) 4-Chlorotoluene	13.223	91	228603	21.952	ug/l		99
79) tert-butylbenzene	13.441	119	221999	22.179	ug/l		99
80) 1,2,4-Trimethylbenzene	13.488	105	269172	22.314	ug/l		98
81) sec-Butylbenzene	13.623	105	316727	22.540	ug/l		99
82) p-Isopropyltoluene	13.735	119	252263	22.632	ug/l		98
83) 1,3-Dichlorobenzene	13.735	146	129665	22.042	ug/l		98
84) 1,4-Dichlorobenzene	13.817	146	118545	21.021	ug/l		97
85) n-Butylbenzene	14.058	91	176818	20.304	ug/l		98
86) Hexachloroethane	14.335	117	53376	22.151	ug/l		96
87) 1,2-Dichlorobenzene	14.105	146	127000	21.721	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	17059	20.675	ug/l		98
89) 1,2,4-Trichlorobenzene	15.841	180	30034	14.573	ug/l		99
90) Hexachlorobutadiene	15.505	225	26851	18.394	ug/l		97
91) Naphthalene	15.647	128	59786	11.246	ug/l		99
92) 1,2,3-Trichlorobenzene	15.841	180	30034	14.573	ug/l		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



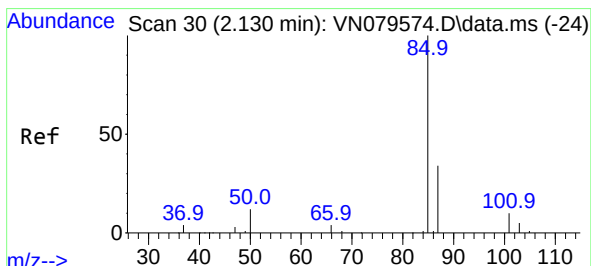
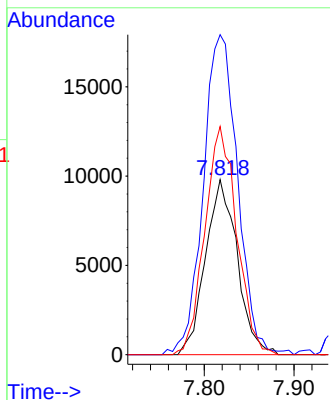
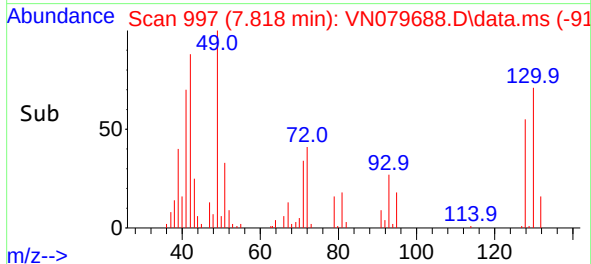
Tgt Ion:128 Resp: 2412
Ion Ratio Lower Upper
128 100
49 196.8 0.0 468.5
130 130.9 0.0 320.7

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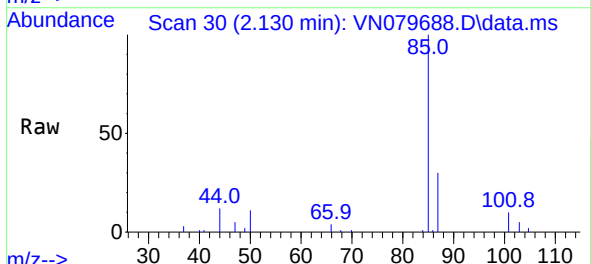
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Dadoda

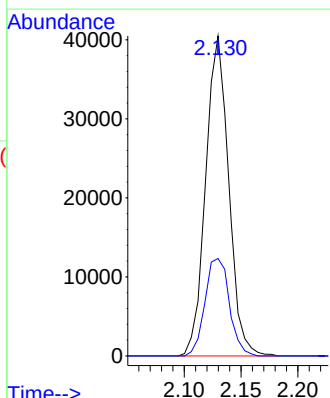
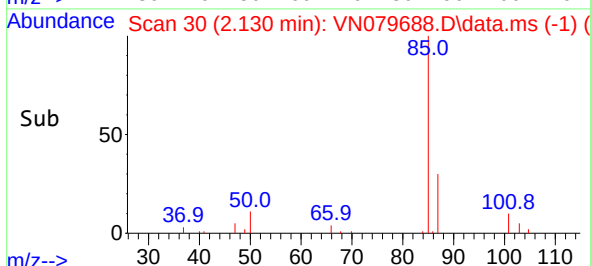
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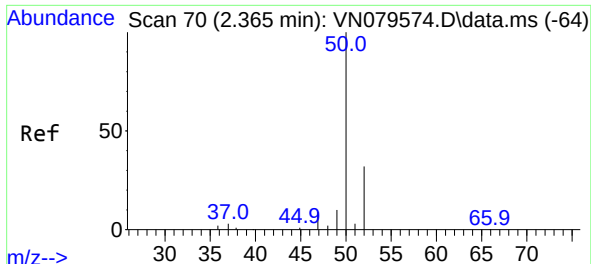


#2
Dichlorodifluoromethane
Concen: 16.343 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



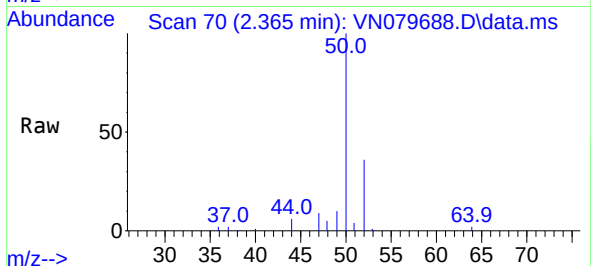
Tgt Ion: 85 Resp: 57183
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.7





#3
Chloromethane
Concen: 15.778 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
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VSTDCCC020EC



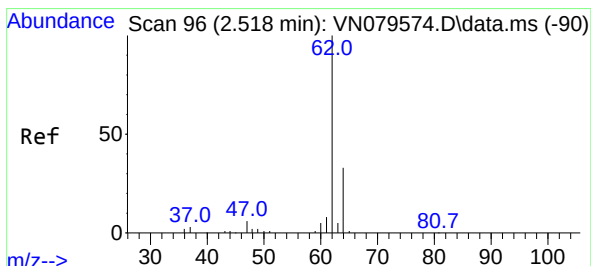
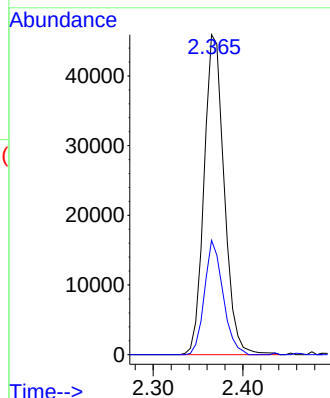
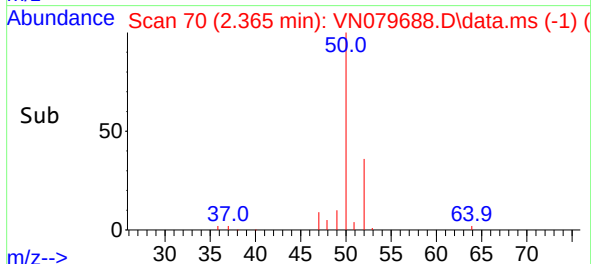
Tgt Ion: 50 Resp: 71552
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4

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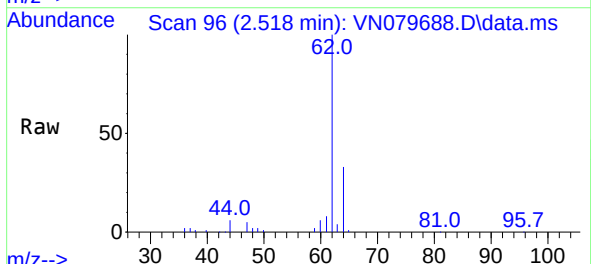
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

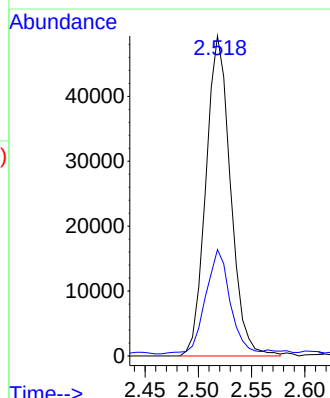
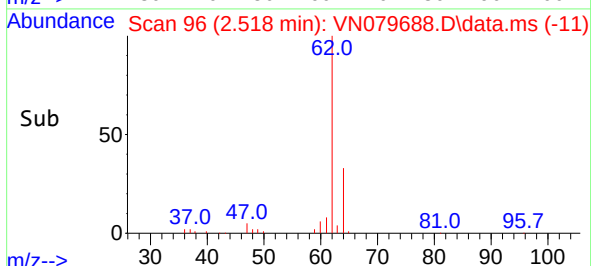
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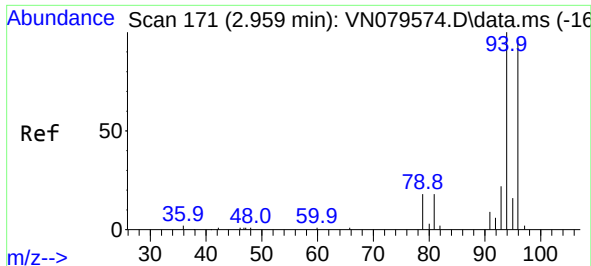


#4
Vinyl Chloride
Concen: 16.237 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



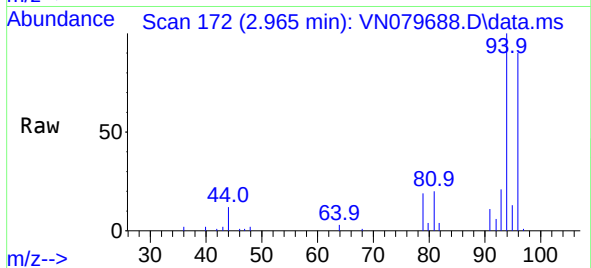
Tgt Ion: 62 Resp: 79466
Ion Ratio Lower Upper
62 100
64 32.1 26.4 39.6





#5
Bromomethane
Concen: 14.754 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
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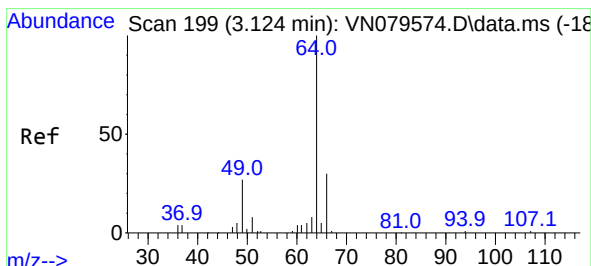
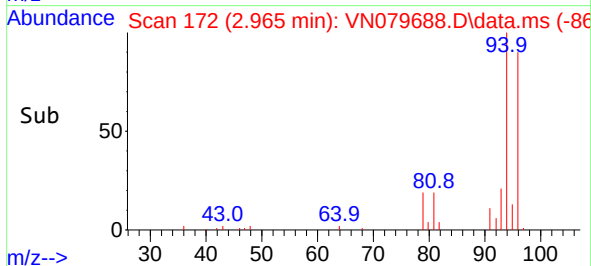
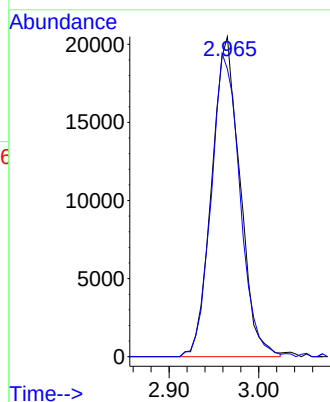
Tgt Ion: 94 Resp: 4477
Ion Ratio Lower Upper
94 100
96 89.8 77.8 116.6

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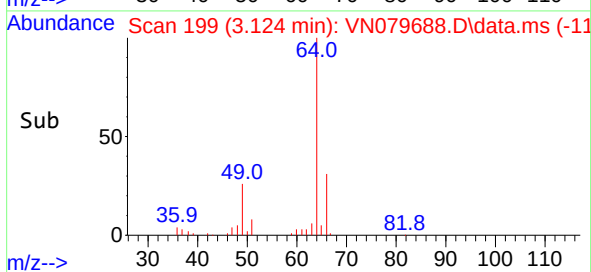
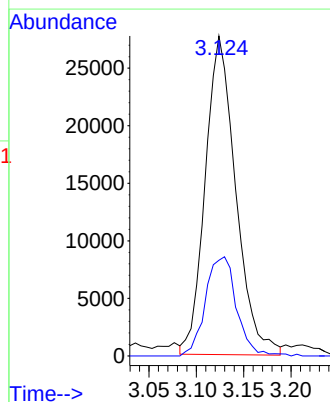
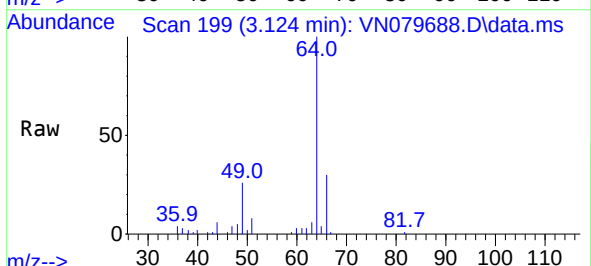
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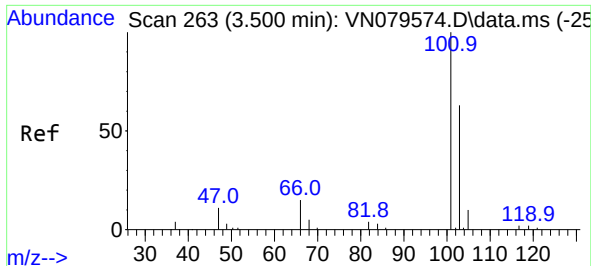
10/26/2023



#6
Chloroethane
Concen: 17.998 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN079688.D
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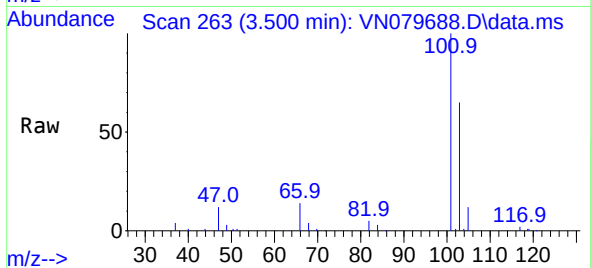
Tgt Ion: 64 Resp: 61998
Ion Ratio Lower Upper
64 100
66 30.8 23.3 34.9





#7
Trichlorofluoromethane
Concen: 20.806 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN079688.D
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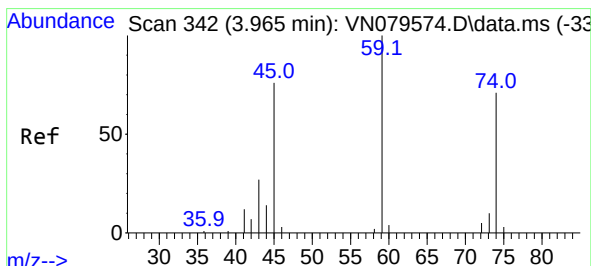
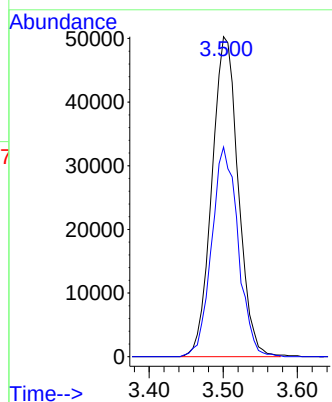
Tgt Ion:101 Resp: 124259
Ion Ratio Lower Upper
101 100
103 65.5 49.9 74.9

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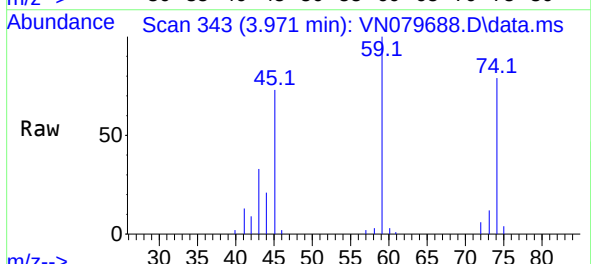
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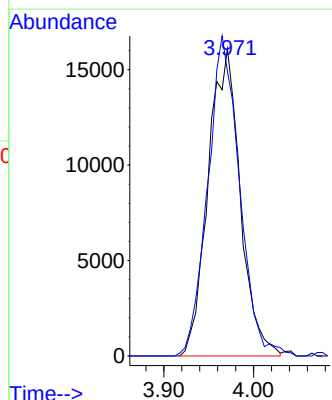
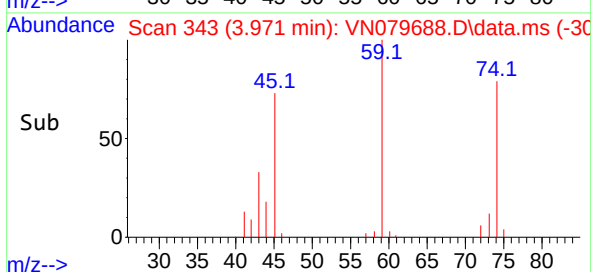
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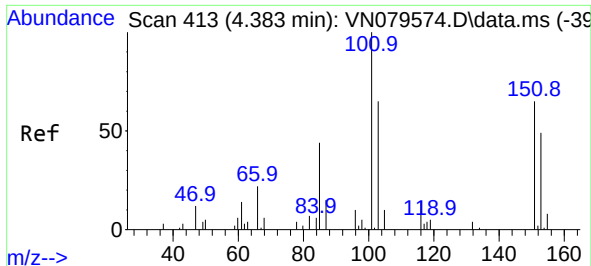


#8
Diethyl Ether
Concen: 18.428 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



Tgt Ion: 74 Resp: 39886
Ion Ratio Lower Upper
74 100
45 101.4 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.998 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
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VSTDCCC020EC

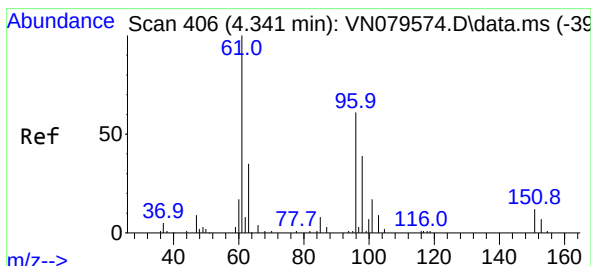
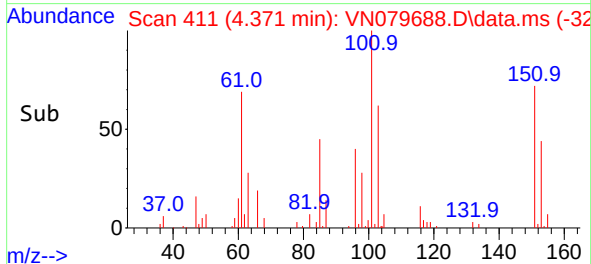
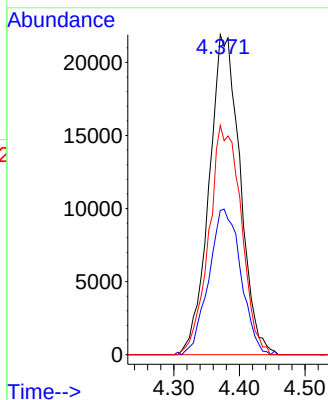
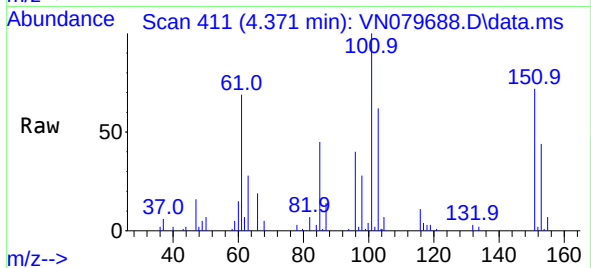
Tgt Ion:101 Resp: 71748
Ion Ratio Lower Upper
101 100
85 47.0 0.0 92.0
151 38.5 0.0 138.4

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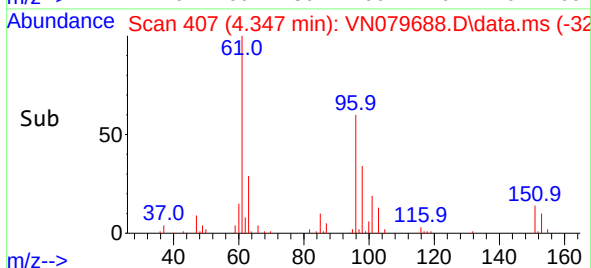
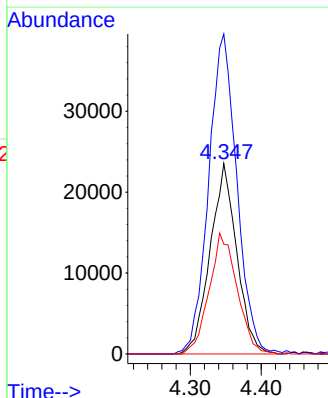
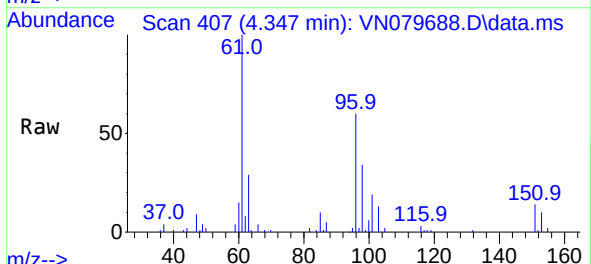
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Supervised By :Mahesh
Dadoda

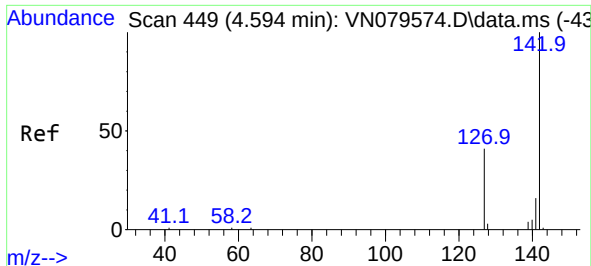
10/26/2023



#10
1,1-Dichloroethene
Concen: 18.880 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 96 Resp: 61376
Ion Ratio Lower Upper
96 100
61 166.8 141.3 211.9
98 57.6 53.2 79.8





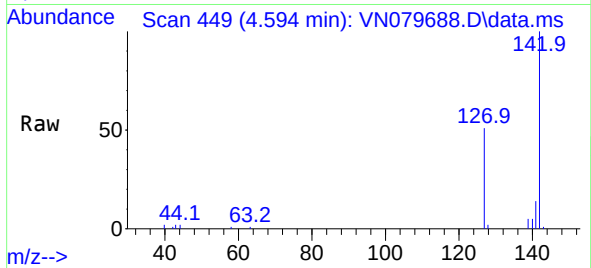
#11
Methyl Iodide
Concen: 19.516 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



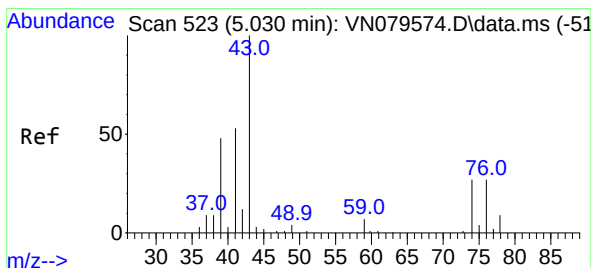
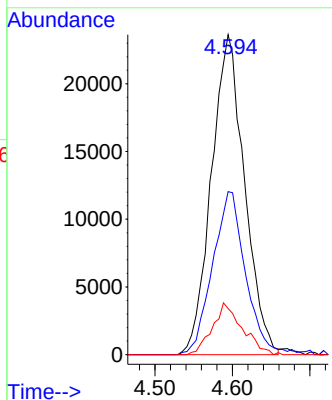
Tgt Ion:142 Resp: 70244
Ion Ratio Lower Upper
142 100
127 50.6 24.6 73.8
141 14.2 7.7 23.1

Manual Integrations
APPROVED

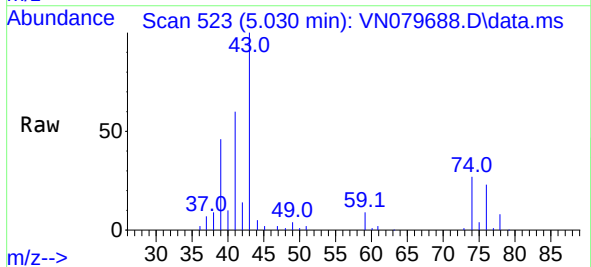
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

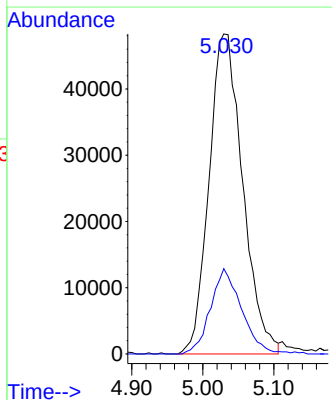
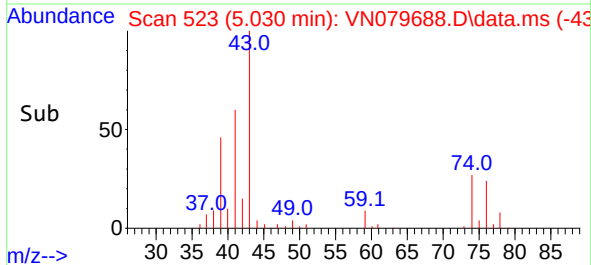
10/26/2023

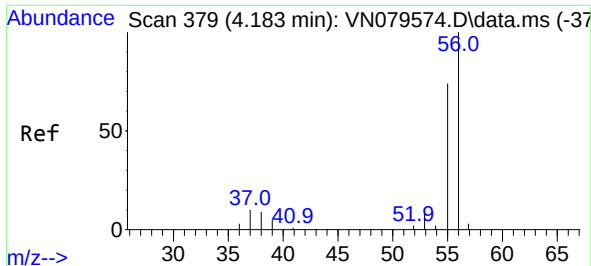


#12
Methyl Acetate
Concen: 20.301 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



Tgt Ion: 43 Resp: 159097
Ion Ratio Lower Upper
43 100
74 26.7 18.1 27.1





#13
Acrolein
Concen: 95.719 ug/l
RT: 4.188 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

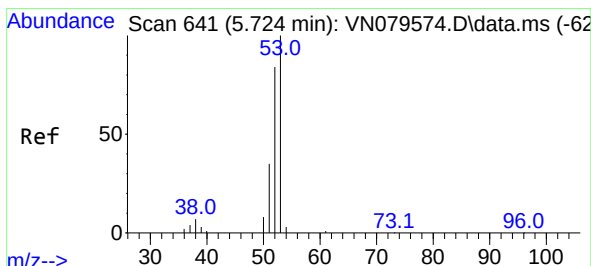
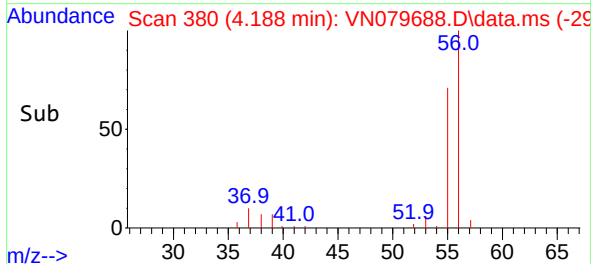
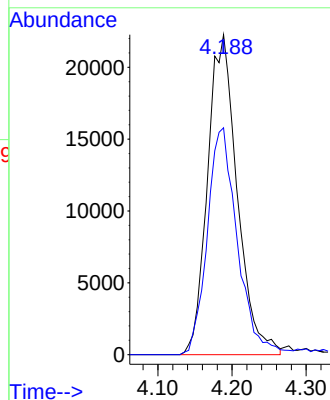
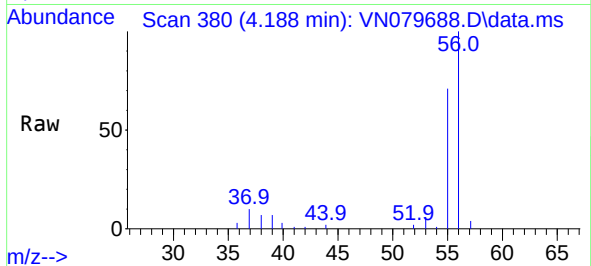
Tgt Ion: 56 Resp: 62010
Ion Ratio Lower Upper
56 100
55 71.9 57.1 85.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

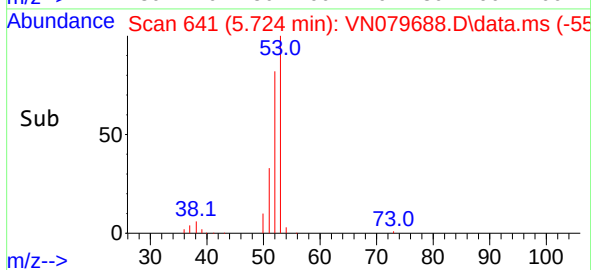
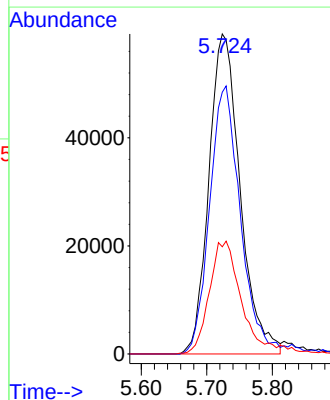
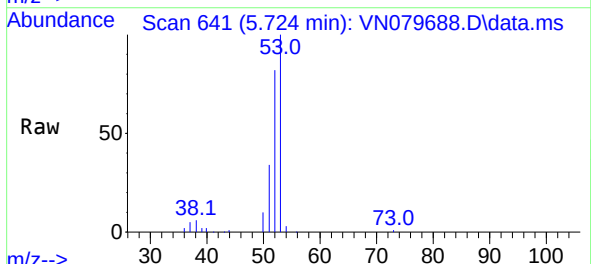
10/26/2023
Supervised By :Mahesh
Dadoda

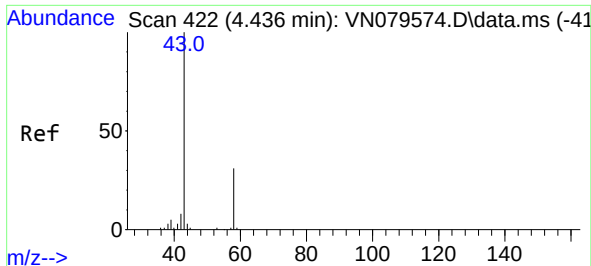
10/26/2023



#14
Acrylonitrile
Concen: 104.471 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

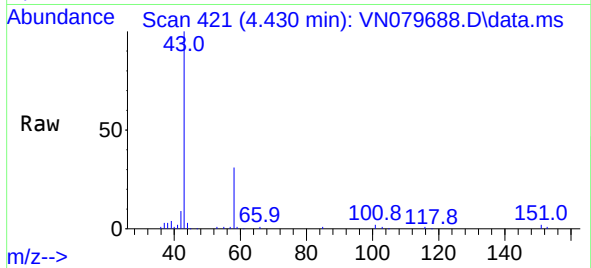
Tgt Ion: 53 Resp: 196069
Ion Ratio Lower Upper
53 100
52 81.4 41.6 124.9
51 34.6 17.8 53.3





#15
Acetone
Concen: 94.075 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



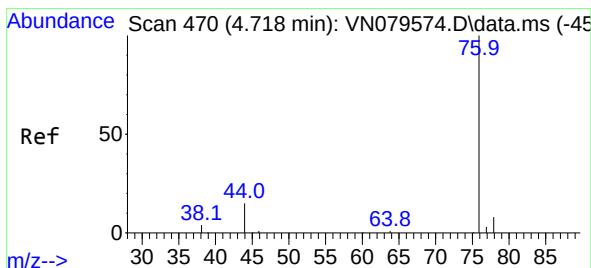
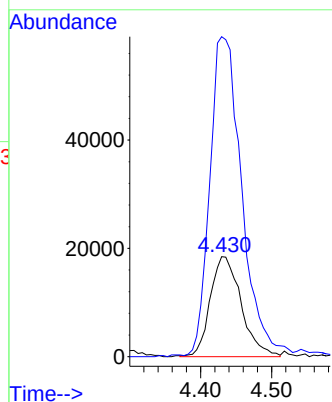
Tgt Ion: 58 Resp: 55930
Ion Ratio Lower Upper
58 100
43 321.3 225.2 337.8

Manual Integrations
APPROVED

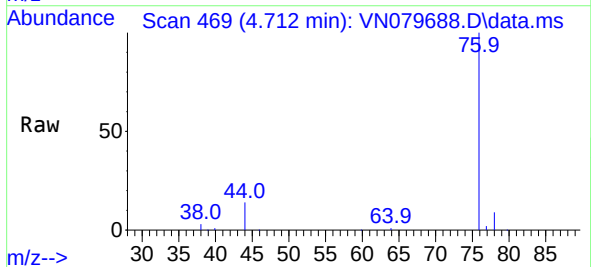
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

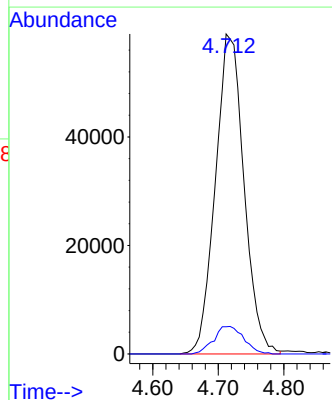
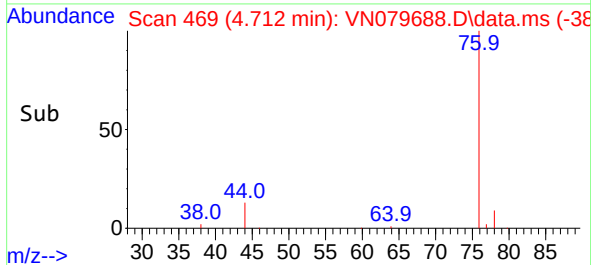
10/26/2023

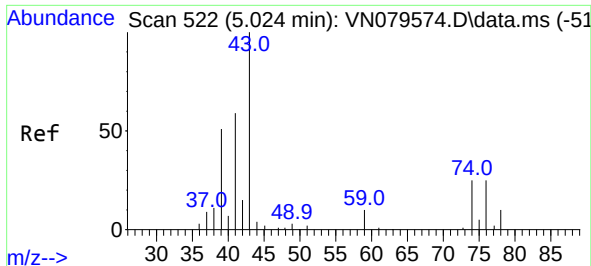


#16
Carbon Disulfide
Concen: 18.011 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



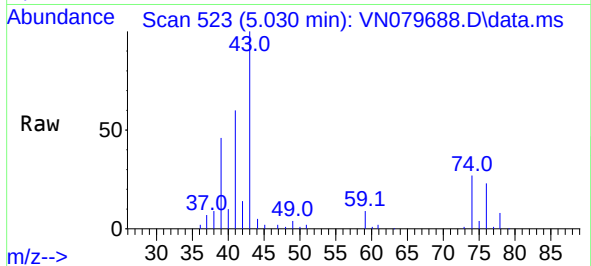
Tgt Ion: 76 Resp: 178544
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3





#17
 Allyl chloride
 Concen: 18.531 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079688.D
 Acq: 25 Oct 2023 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



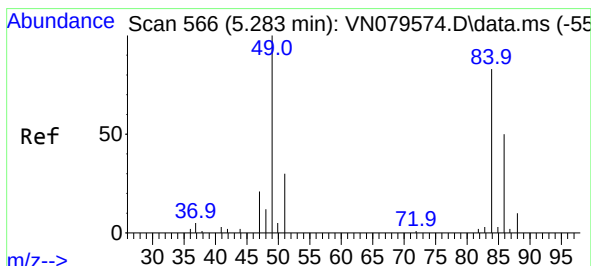
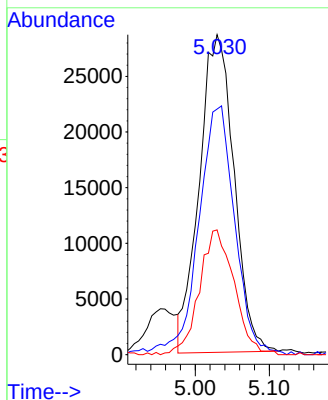
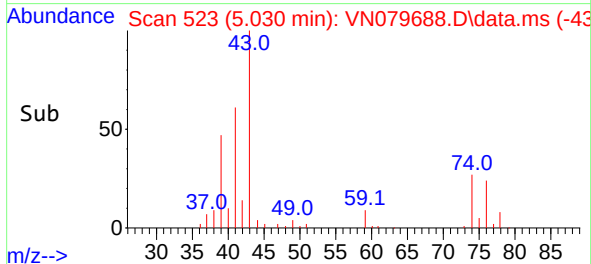
Tgt Ion: 41 Resp: 92880
 Ion Ratio Lower Upper
 41 100
 39 76.4 38.4 115.2
 76 39.5 19.5 58.5

Manual Integrations
 APPROVED

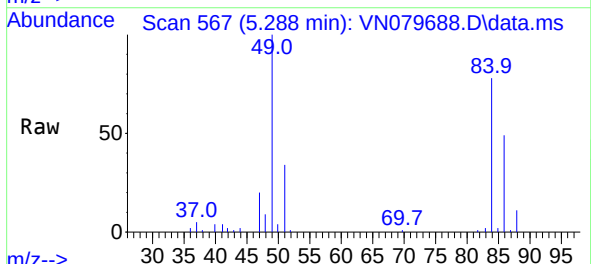
Reviewed By :John
 Carlone

10/26/2023
 Supervised By :Mahesh
 Dadoda

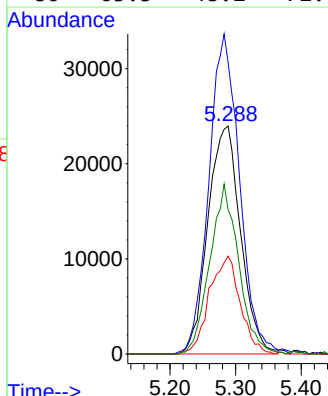
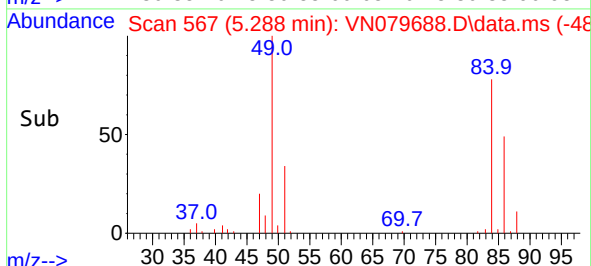
10/26/2023

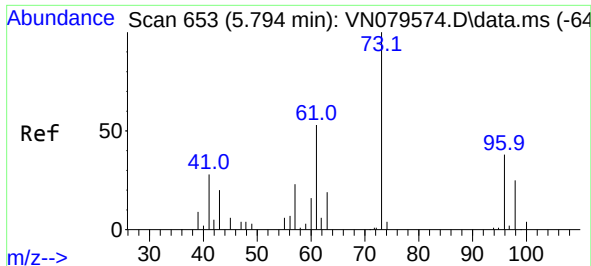


#18
 Methylene Chloride
 Concen: 20.709 ug/l
 RT: 5.288 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN079688.D
 Acq: 25 Oct 2023 17:49



Tgt Ion: 84 Resp: 82863
 Ion Ratio Lower Upper
 84 100
 49 127.1 100.9 151.3
 51 42.9 29.4 44.2
 86 63.3 48.2 72.4





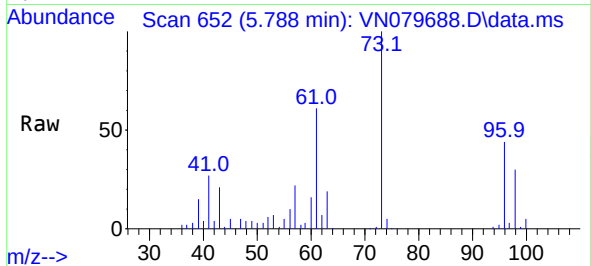
#19
trans-1,2-Dichloroethene
Concen: 19.973 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



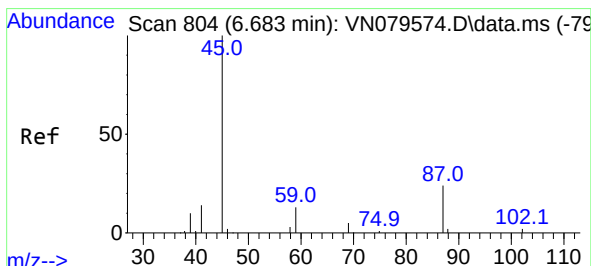
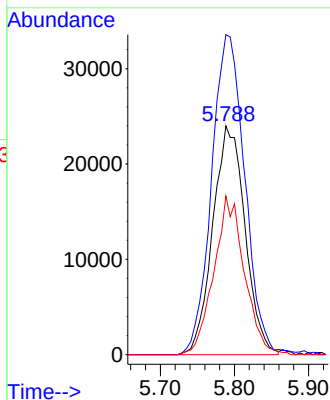
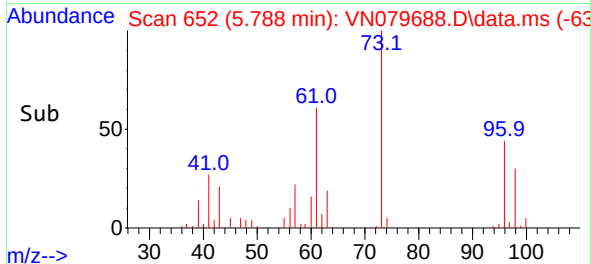
Tgt Ion: 96 Resp: 72640
Ion Ratio Lower Upper
96 100
61 139.8 113.4 170.0
98 69.3 50.4 75.6

Manual Integrations
APPROVED

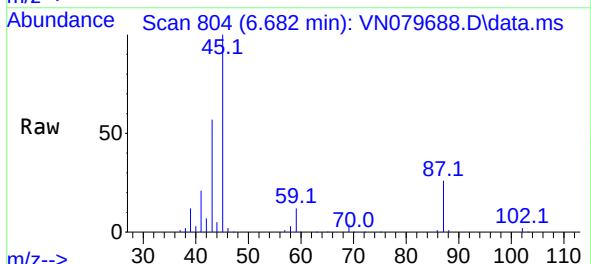
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

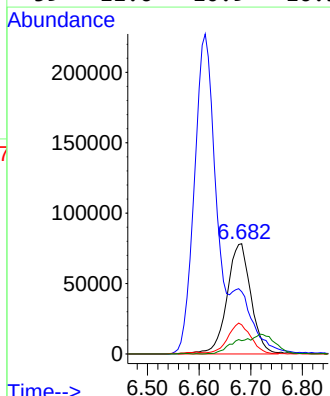
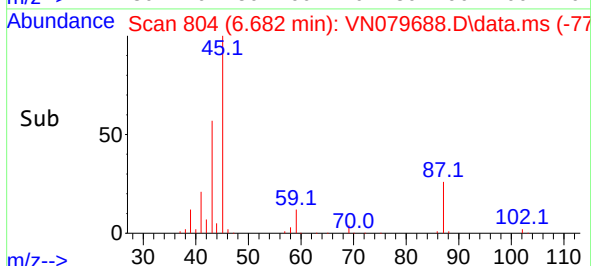
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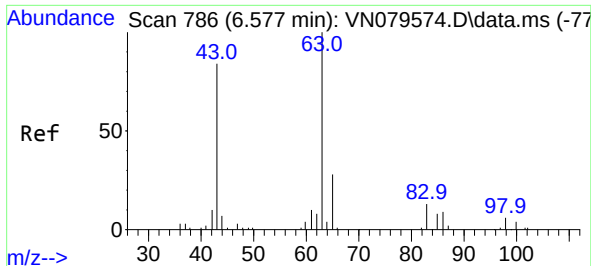


#20
Diisopropyl ether
Concen: 21.109 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



Tgt Ion: 45 Resp: 250874
Ion Ratio Lower Upper
45 100
43 52.4 42.1 63.1
87 25.9 20.5 30.7
59 11.6 10.9 16.3





#21
1,1-Dichloroethane
Concen: 20.973 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

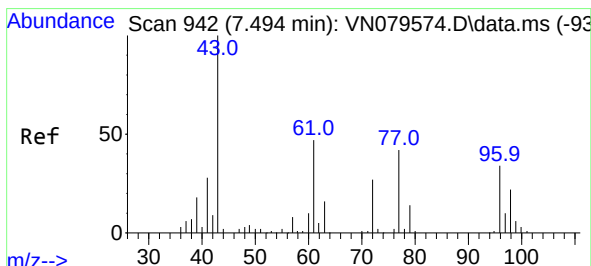
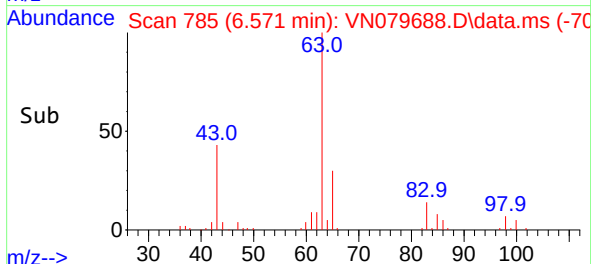
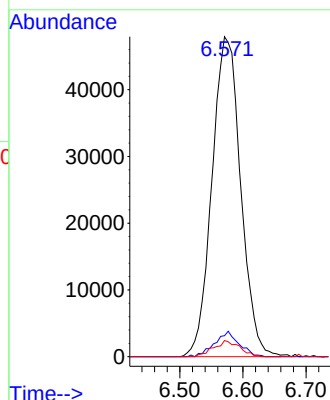
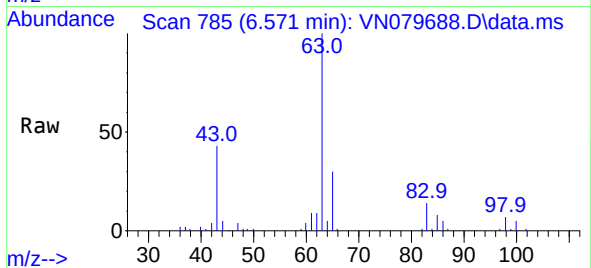
Tgt Ion: 63 Resp: 151464
Ion Ratio Lower Upper
63 100
98 6.5 2.8 8.4
100 5.0 1.9 5.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

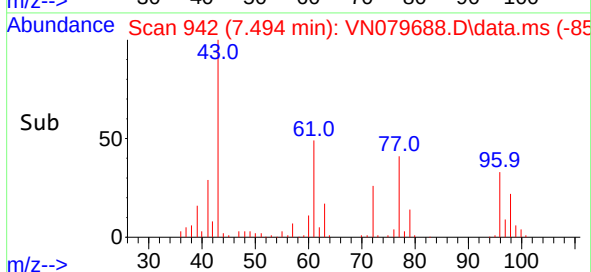
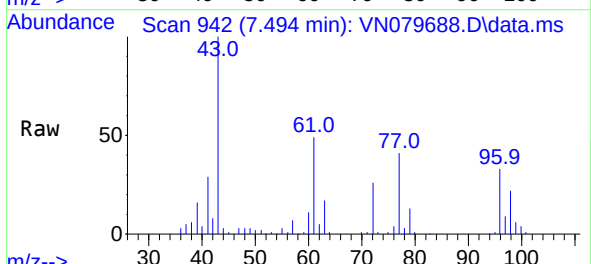
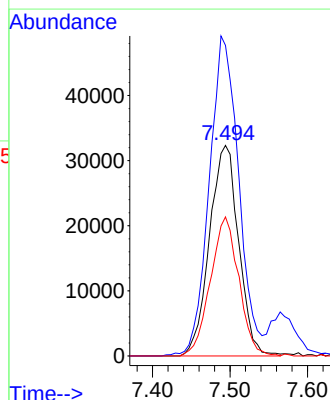
10/26/2023
Supervised By :Mahesh
Dadoda

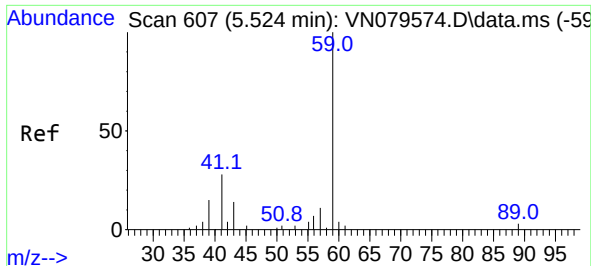
10/26/2023



#22
cis-1,2-Dichloroethene
Concen: 20.197 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 96 Resp: 84603
Ion Ratio Lower Upper
96 100
61 153.2 124.6 186.8
98 64.3 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 88.571 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

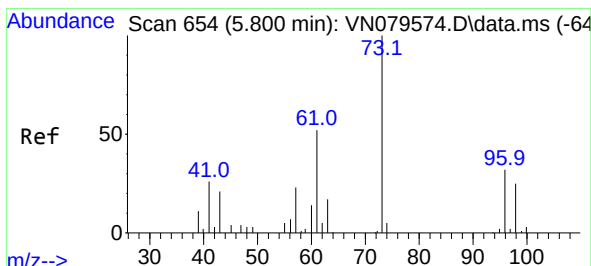
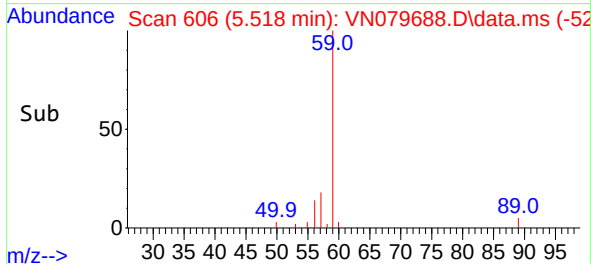
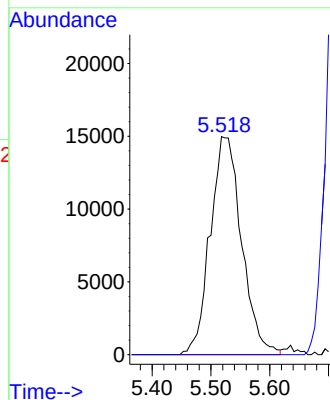
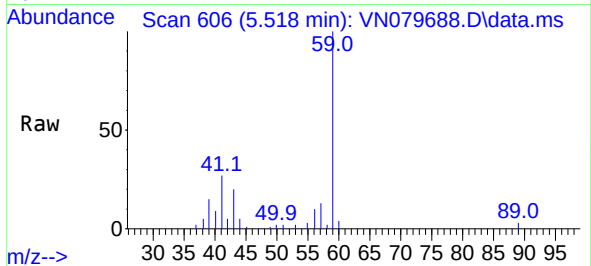
Tgt Ion: 59 Resp: 5558
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

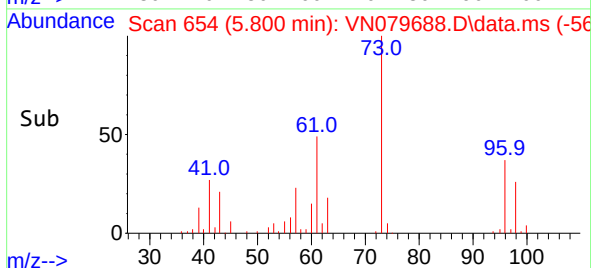
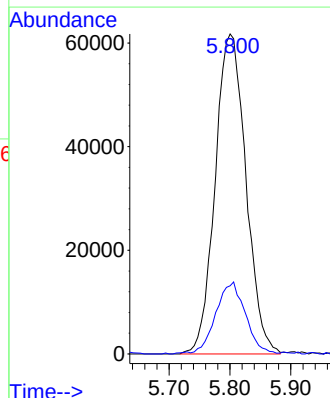
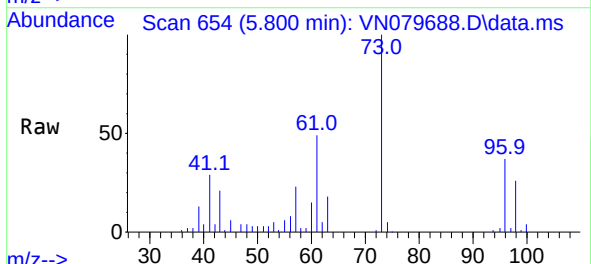
10/26/2023
Supervised By :Mahesh
Dadoda

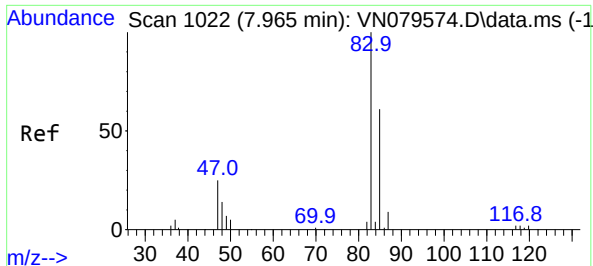
10/26/2023



#24
Methyl tert-Butyl Ether
Concen: 19.887 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 73 Resp: 216925
Ion Ratio Lower Upper
73 100
43 21.5 16.6 24.8





#25

Chloroform

Concen: 21.632 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN079688.D

Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 15785

Ion Ratio Lower Upper

83 100

85 64.6 47.4 71.2

Manual Integrations

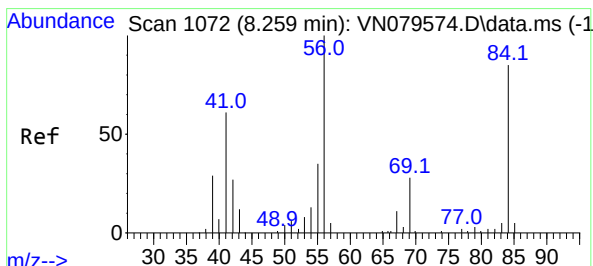
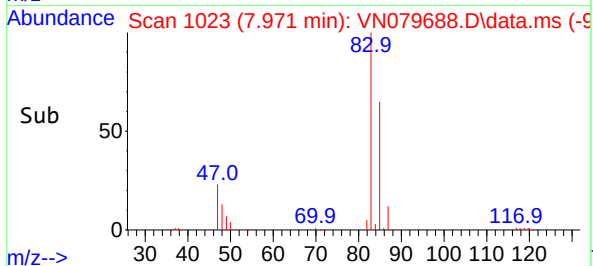
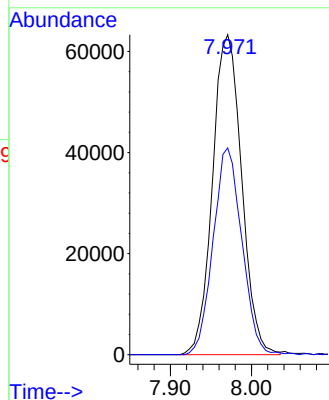
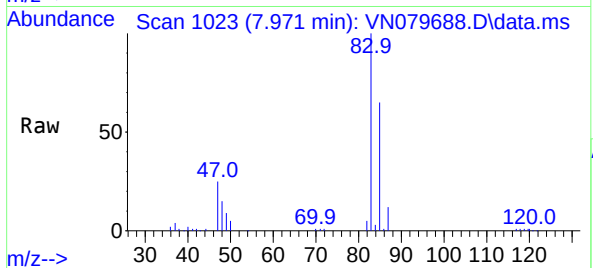
APPROVED

Reviewed By :John
Carlone

10/26/2023

Supervised By :Mahesh
Dadoda

10/26/2023



#26

Cyclohexane

Concen: 20.184 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN079688.D

Acq: 25 Oct 2023 17:49

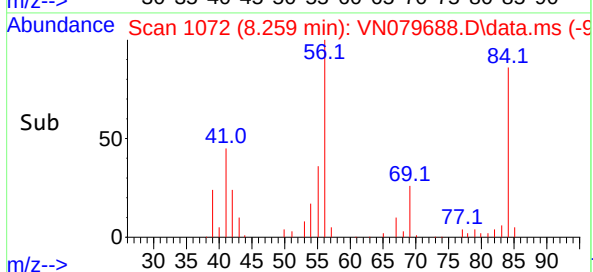
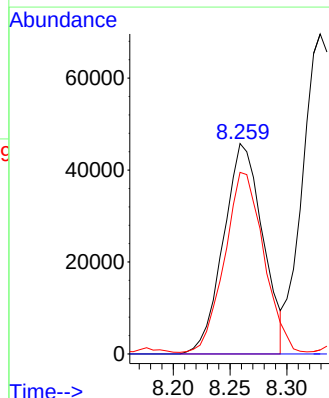
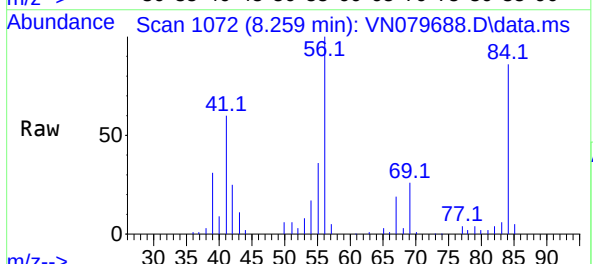
Tgt Ion: 56 Resp: 110188

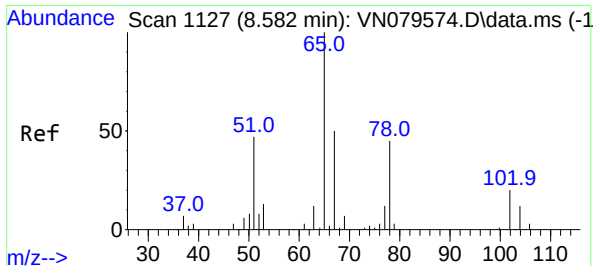
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

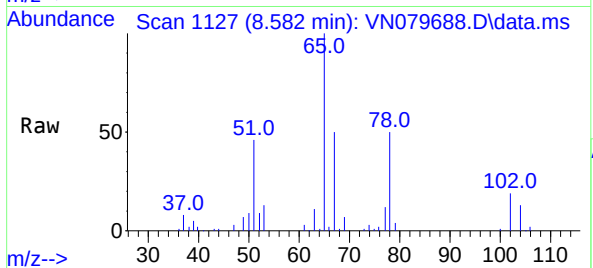
84 86.9 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 31.819 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



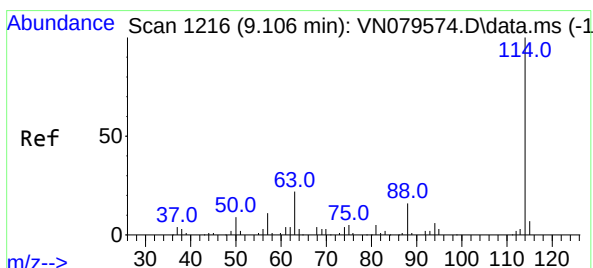
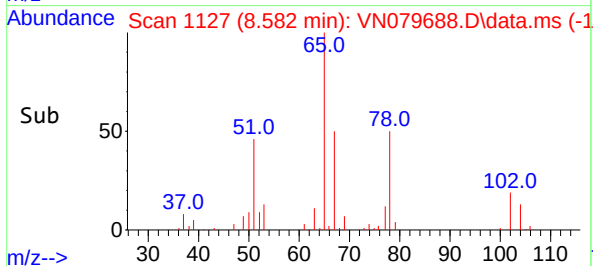
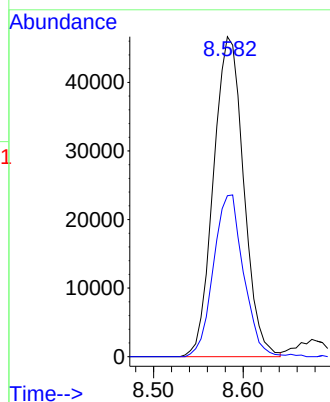
Tgt Ion: 65 Resp: 109148
Ion Ratio Lower Upper
65 100
67 50.1 42.1 63.1

Manual Integrations
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Reviewed By :John
Carlone

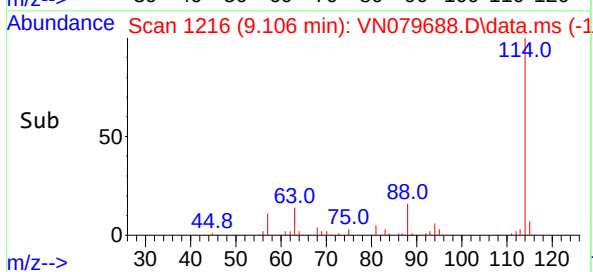
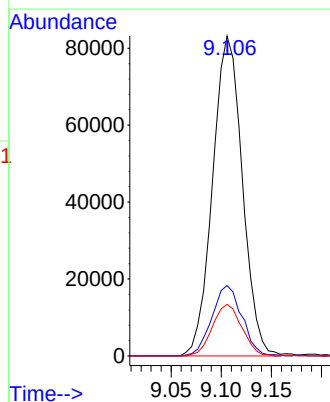
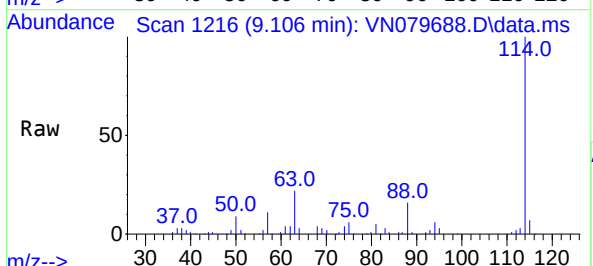
10/26/2023
Supervised By :Mahesh
Dadoda

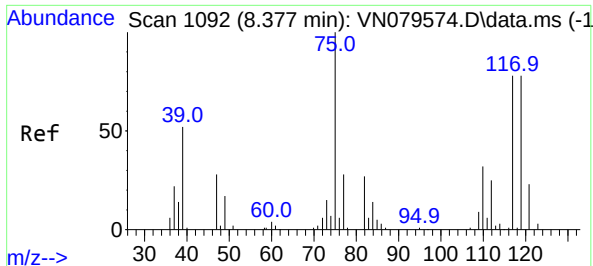
10/26/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion:114 Resp: 171480
Ion Ratio Lower Upper
114 100
63 22.3 18.1 27.1
88 15.9 12.2 18.2





#29
1,1-Dichloropropene
Concen: 21.676 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

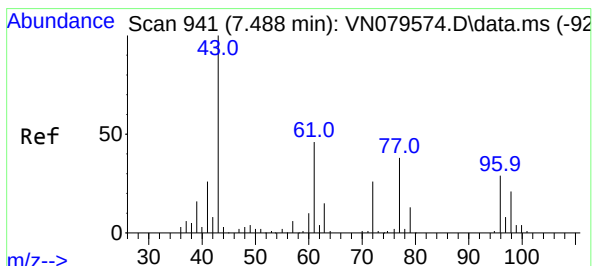
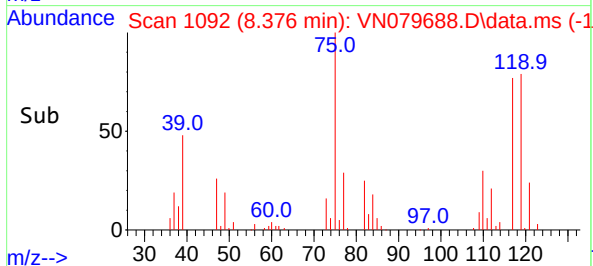
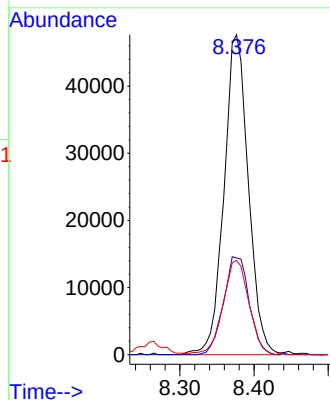
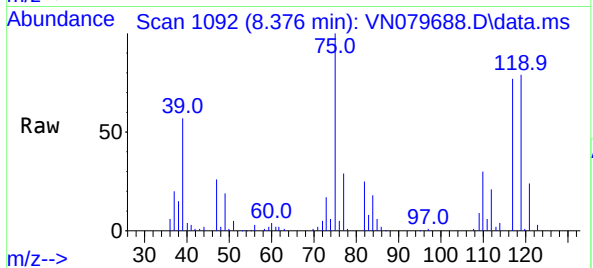
Tgt Ion: 75 Resp: 108625
Ion Ratio Lower Upper
75 100
110 32.2 0.0 66.8
77 31.3 0.0 61.2

Manual Integrations
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Reviewed By :John
Carlone

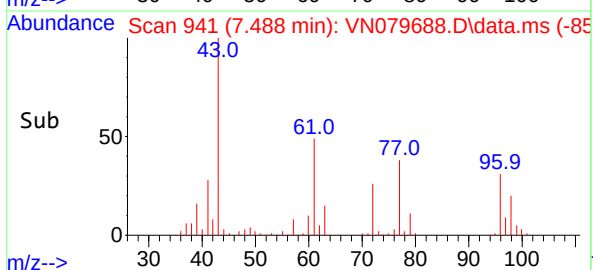
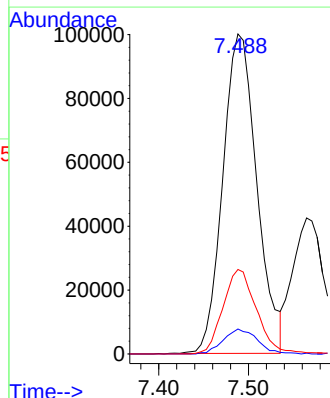
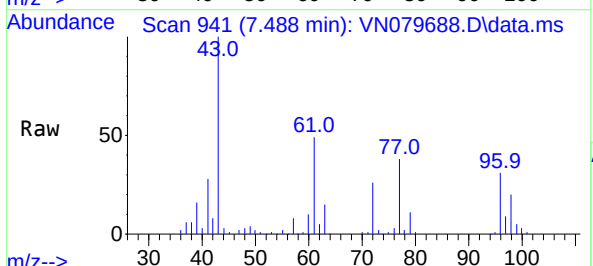
10/26/2023
Supervised By :Mahesh
Dadoda

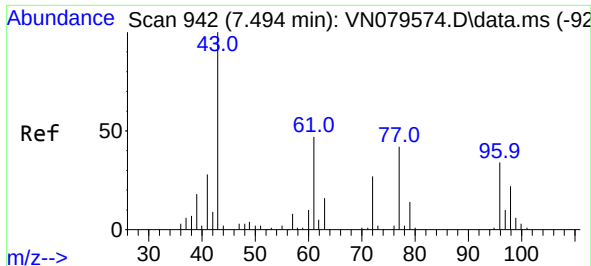
10/26/2023



#30
2-Butanone
Concen: 105.074 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 43 Resp: 263939
Ion Ratio Lower Upper
43 100
57 7.8 6.4 9.6
72 26.1 20.7 31.1





#31
2,2-Dichloropropane
Concen: 20.649 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

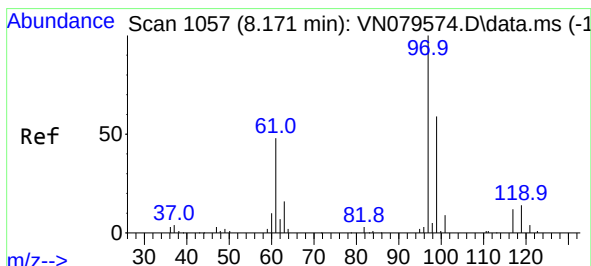
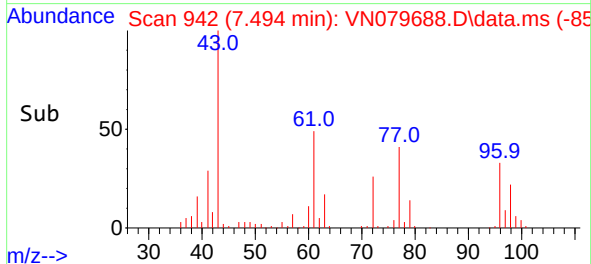
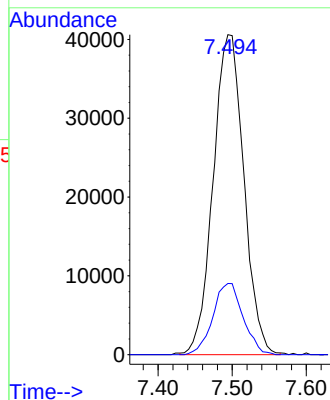
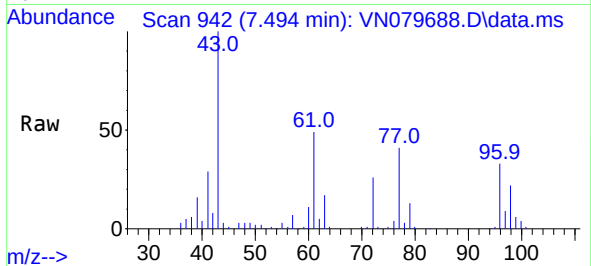
Tgt Ion: 77 Resp: 11667
Ion Ratio Lower Upper
77 100
97 21.9 17.9 26.9

Manual Integrations
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Reviewed By :John
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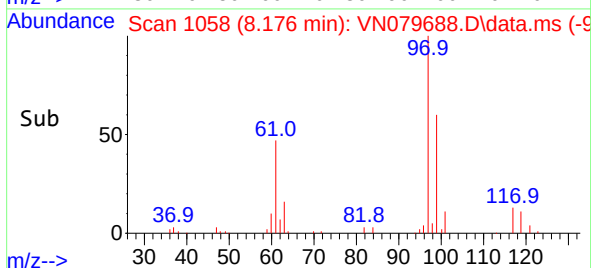
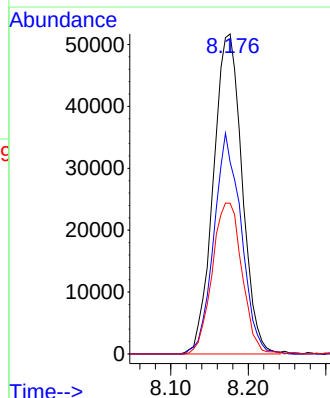
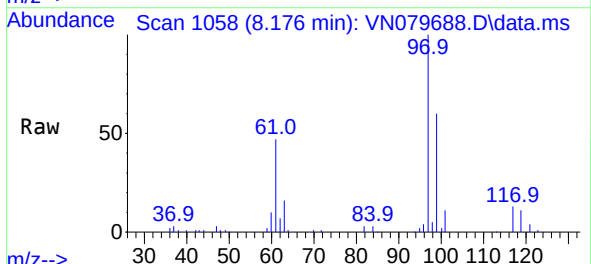
10/26/2023
Supervised By :Mahesh
Dadoda

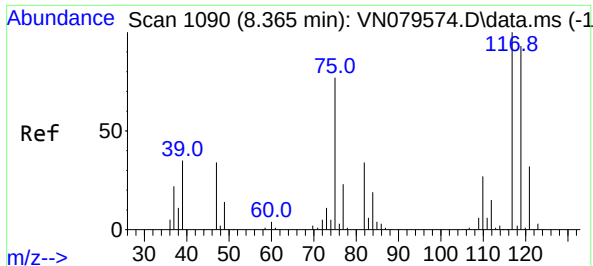
10/26/2023



#32
1,1,1-Trichloroethane
Concen: 22.374 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 97 Resp: 133263
Ion Ratio Lower Upper
97 100
99 65.4 51.9 77.9
61 48.7 37.6 56.4





#33
Carbon Tetrachloride
Concen: 22.539 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:117 Resp: 11417
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6
121 31.1 24.3 36.5

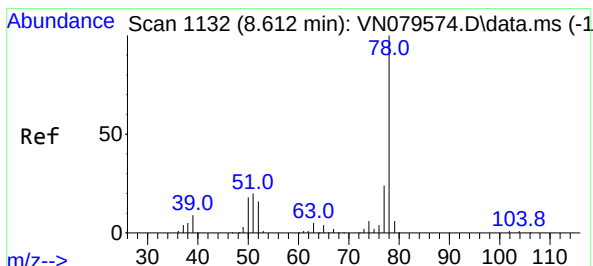
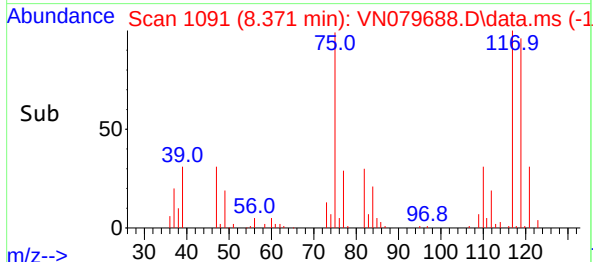
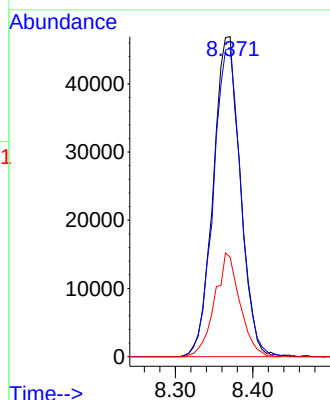
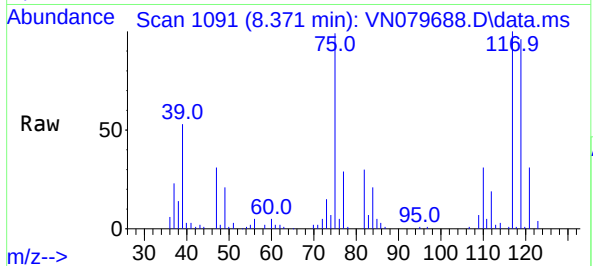
Manual Integrations
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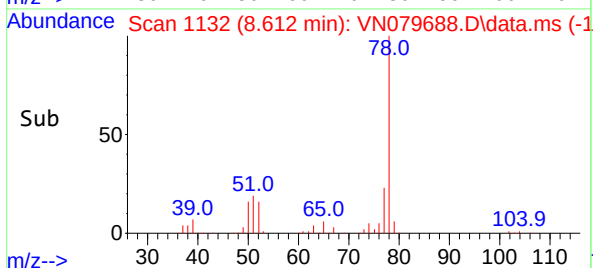
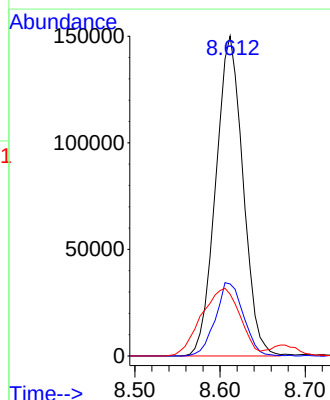
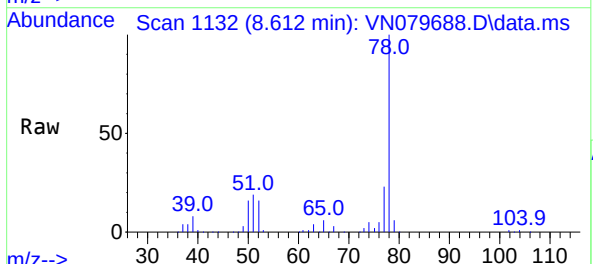
Supervised By :Mahesh
Dadoda

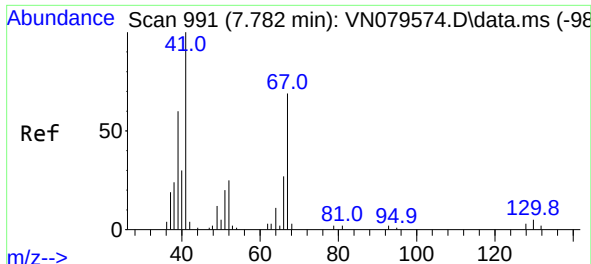
10/26/2023



#34
Benzene
Concen: 21.919 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 78 Resp: 333723
Ion Ratio Lower Upper
78 100
77 22.5 19.7 29.5
51 17.7 15.8 23.6





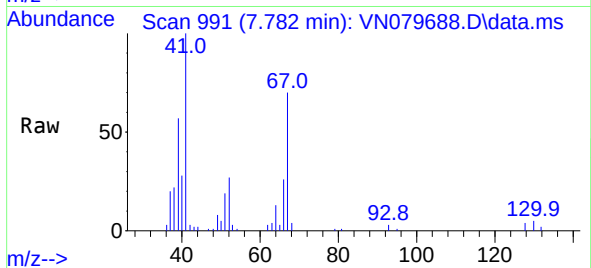
#35
Methacrylonitrile
Concen: 21.469 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 41 Resp: 5673
Ion Ratio Lower Upper
41 100
39 56.2 26.3 78.8
67 70.9 37.5 112.3
52 26.8 14.4 43.4

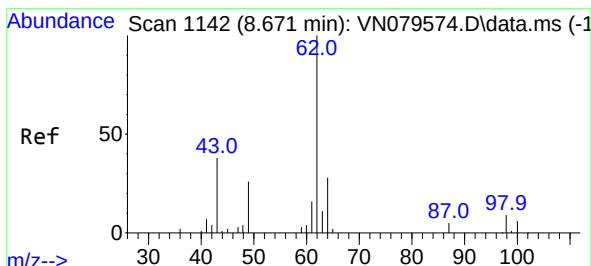
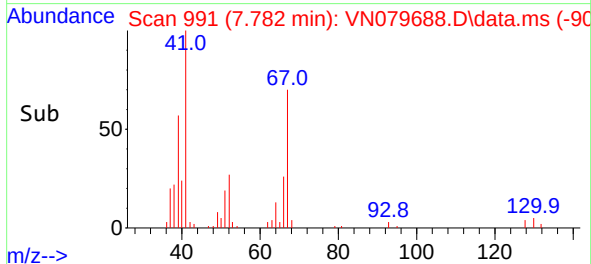
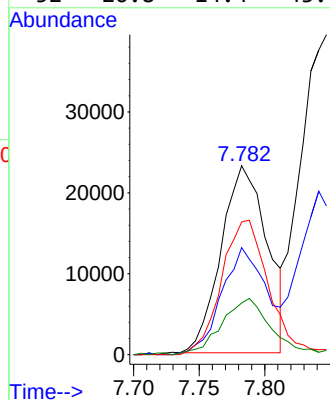
Manual Integrations
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Reviewed By :John
Carlone

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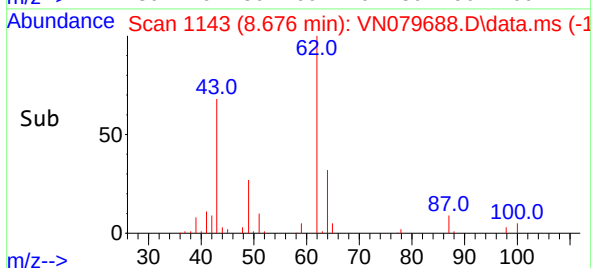
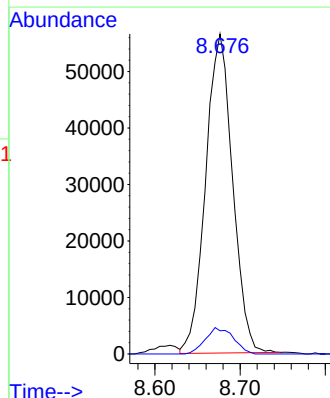
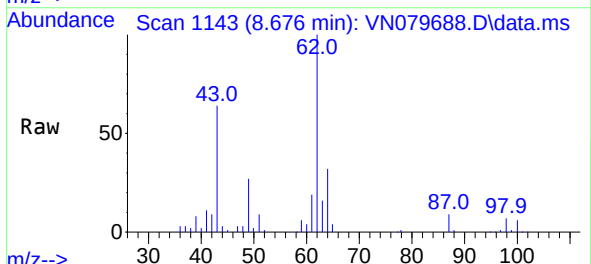
Supervised By :Mahesh
Dadoda

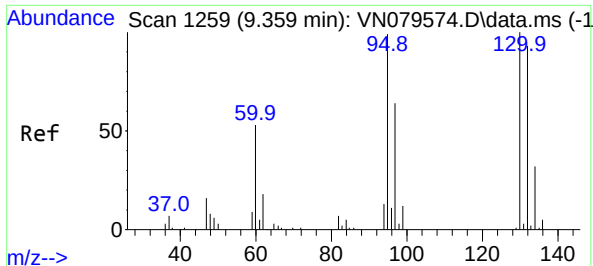
10/26/2023



#36
1,2-Dichloroethane
Concen: 22.828 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

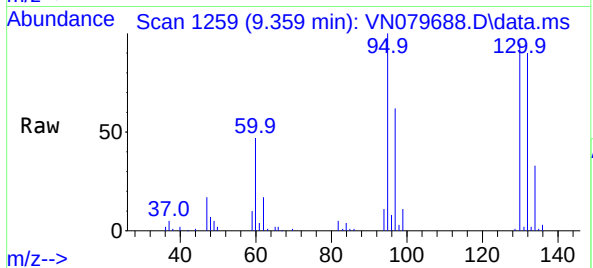
Tgt Ion: 62 Resp: 124099
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8





#37
Trichloroethene
Concen: 20.942 ug/l
RT: 9.359 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



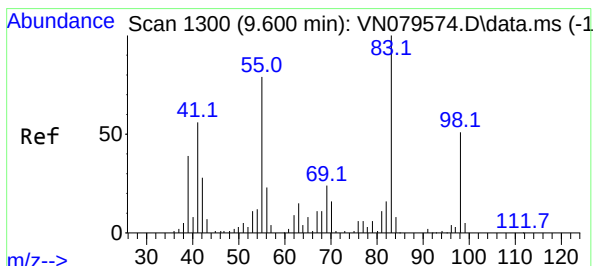
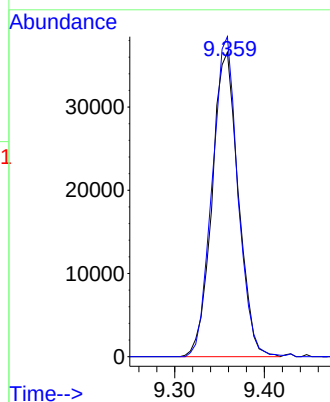
Tgt Ion:130 Resp: 7453
Ion Ratio Lower Upper
130 100
95 105.1 81.2 121.8

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Reviewed By :John
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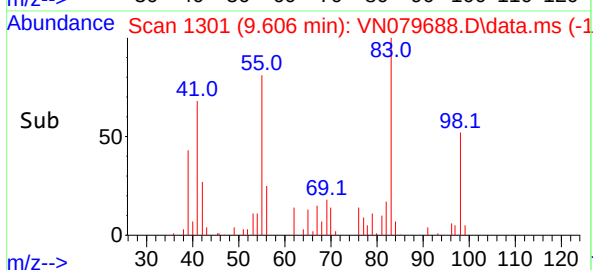
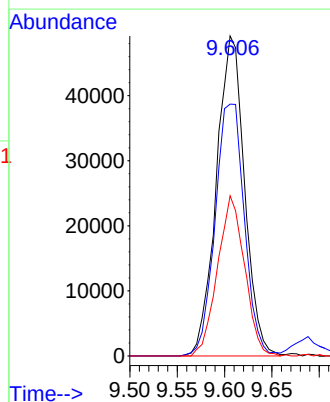
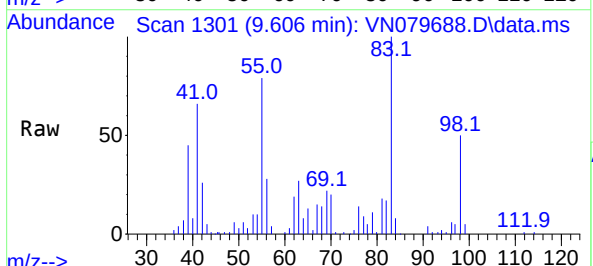
10/26/2023
Supervised By :Mahesh
Dadoda

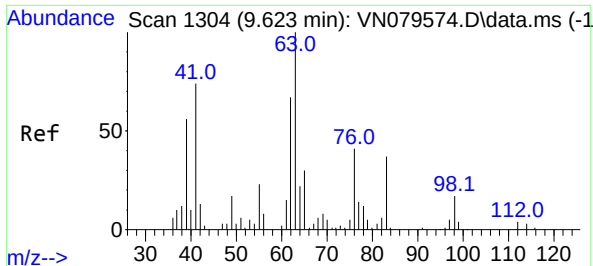
10/26/2023



#38
Methylcyclohexane
Concen: 21.077 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

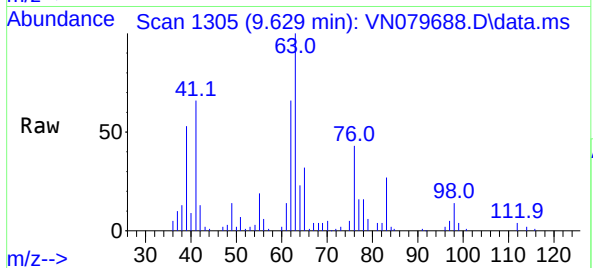
Tgt Ion: 83 Resp: 101696
Ion Ratio Lower Upper
83 100
55 81.5 39.7 119.1
98 48.1 24.4 73.2





#39
1,2-Dichloropropane
Concen: 21.919 ug/l
RT: 9.629 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



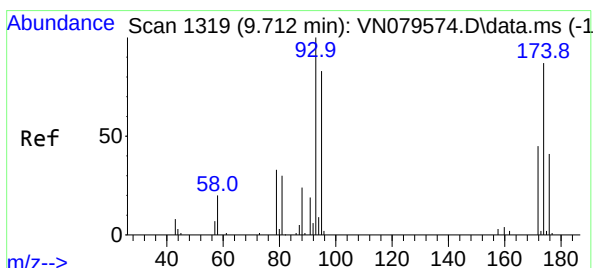
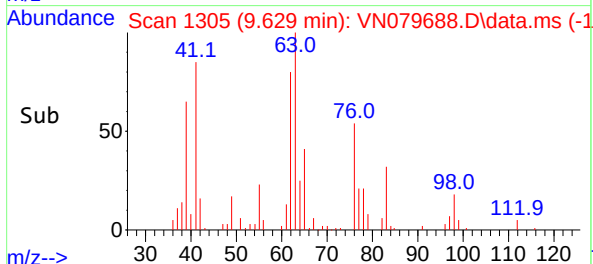
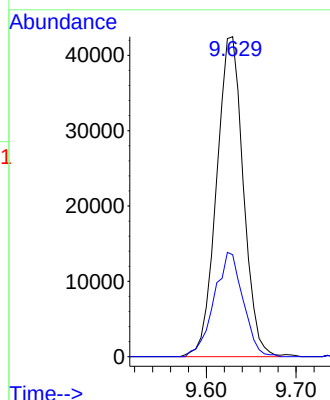
Tgt Ion: 63 Resp: 8806
Ion Ratio Lower Upper
63 100
65 31.9 25.3 37.9

Manual Integrations
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Reviewed By :John
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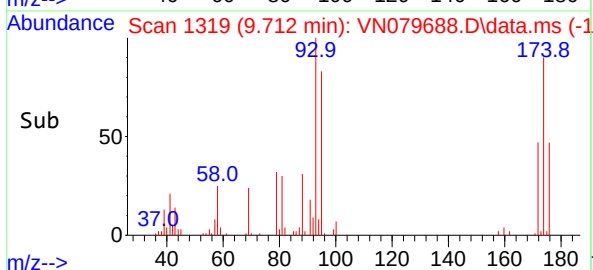
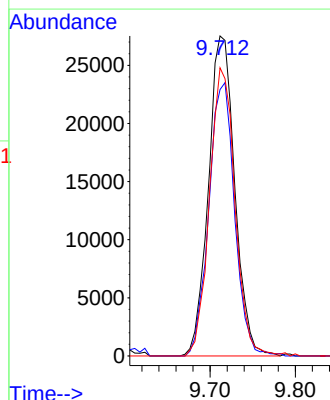
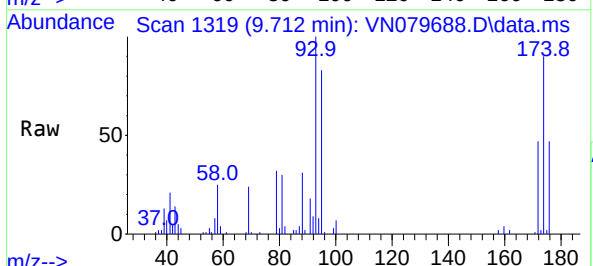
10/26/2023
Supervised By :Mahesh
Dadoda

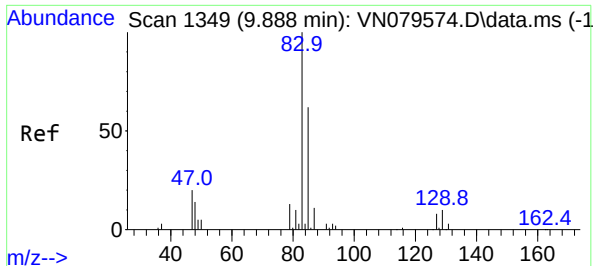
10/26/2023



#40
Dibromomethane
Concen: 22.421 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

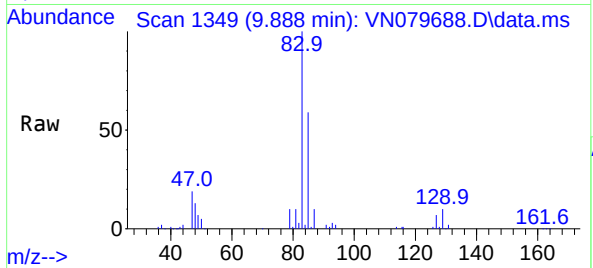
Tgt Ion: 93 Resp: 59120
Ion Ratio Lower Upper
93 100
95 83.1 0.0 166.6
174 86.9 0.0 171.0





#41
Bromodichloromethane
Concen: 22.657 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



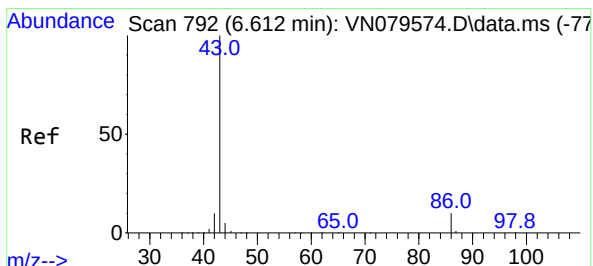
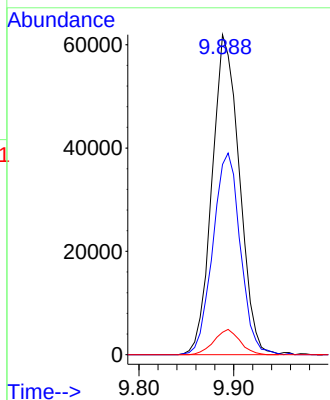
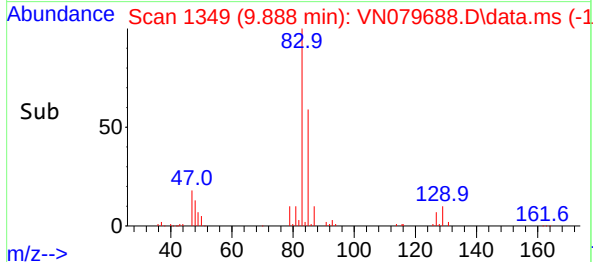
Tgt Ion: 83 Resp: 123812
Ion Ratio Lower Upper
83 100
85 59.4 50.3 75.5
127 7.0 6.8 10.2

Manual Integrations
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Reviewed By :John
Carlone

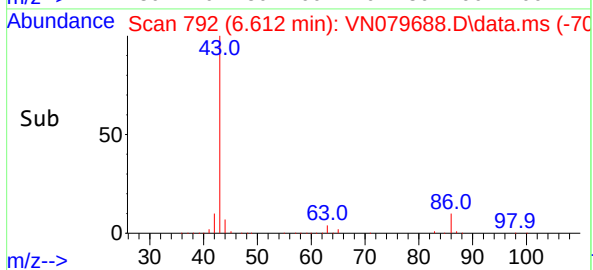
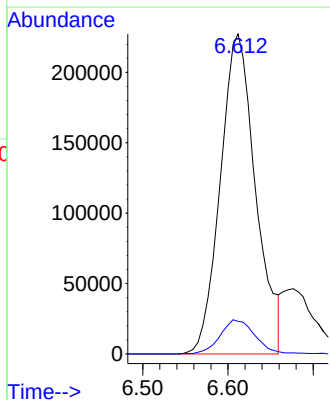
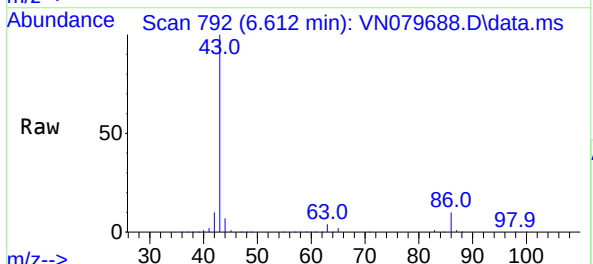
10/26/2023
Supervised By :Mahesh
Dadoda

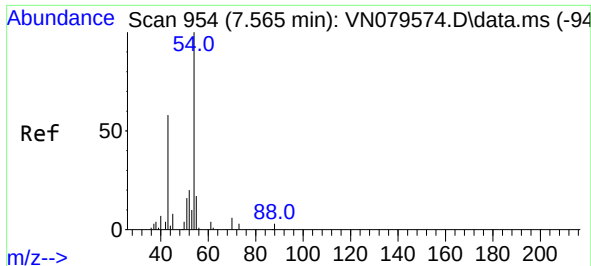
10/26/2023



#42
Vinyl Acetate
Concen: 102.910 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

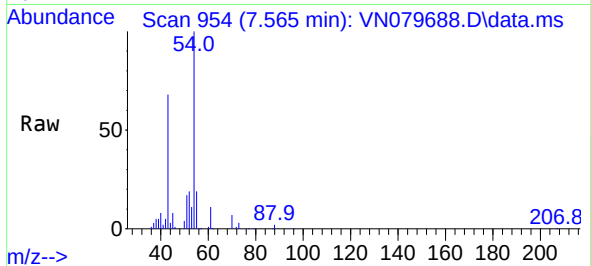
Tgt Ion: 43 Resp: 655754
Ion Ratio Lower Upper
43 100
86 10.6 8.2 12.2





#43
Ethyl Acetate
Concen: 22.269 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



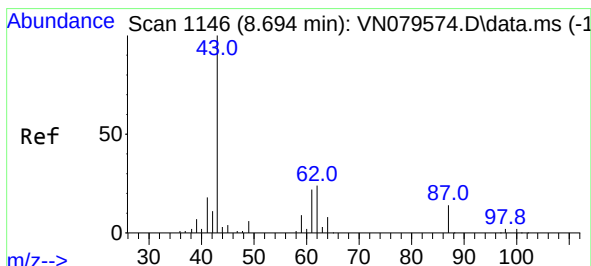
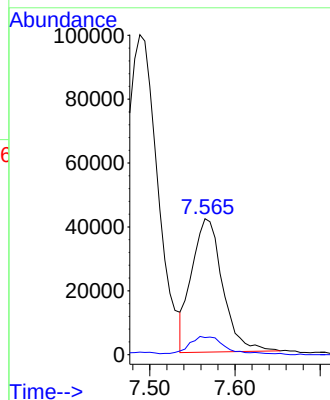
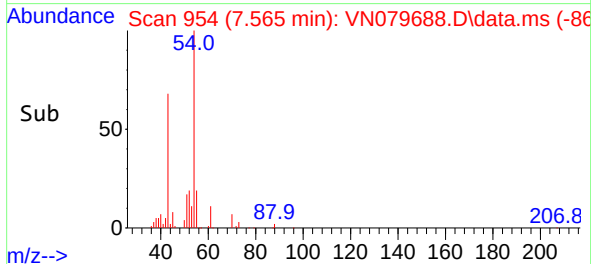
Tgt Ion: 43 Resp: 105180
Ion Ratio Lower Upper
43 100
45 7.0 11.8 17.8

Manual Integrations
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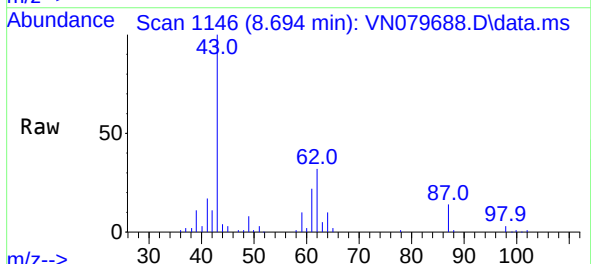
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

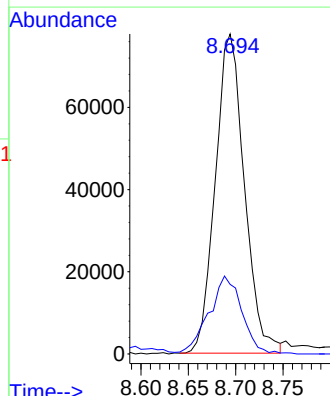
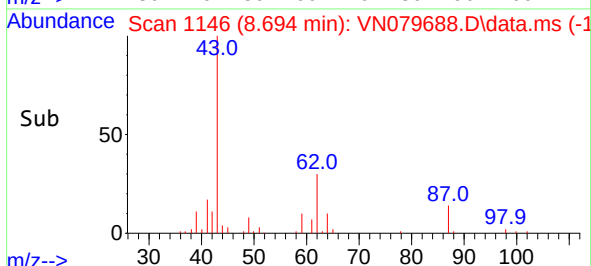
10/26/2023

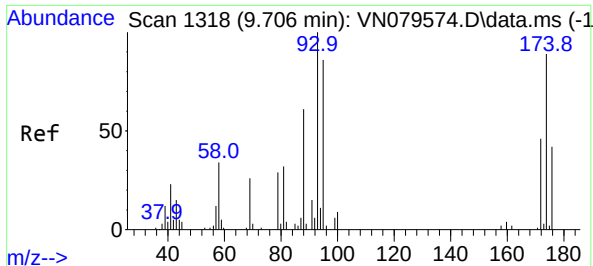


#44
Isopropyl Acetate
Concen: 19.777 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



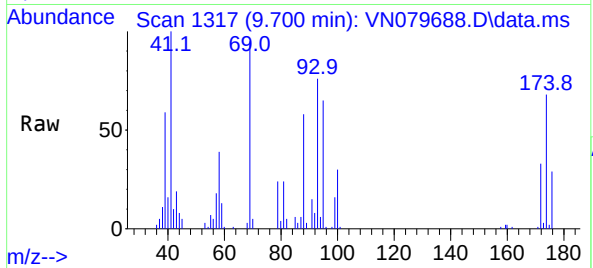
Tgt Ion: 43 Resp: 166058
Ion Ratio Lower Upper
43 100
61 27.4 20.3 30.5





#45
1,4-Dioxane
Concen: 403.461 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



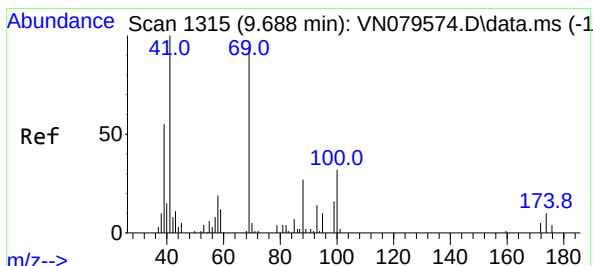
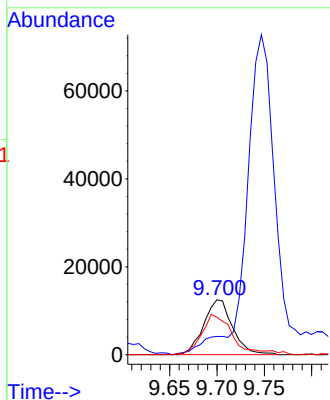
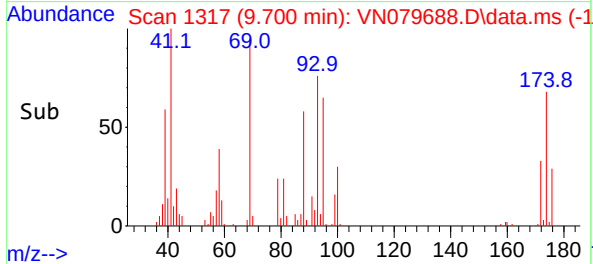
Tgt Ion: 88 Resp: 26518
Ion Ratio Lower Upper
88 100
43 33.8 28.7 43.1
58 75.7 56.9 85.3

Manual Integrations
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Reviewed By :John
Carlone

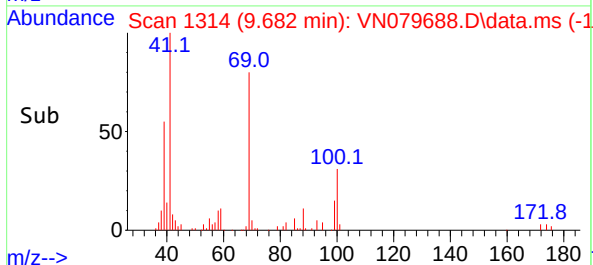
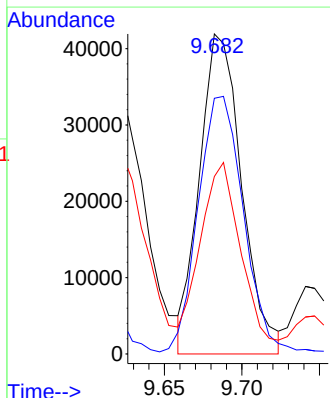
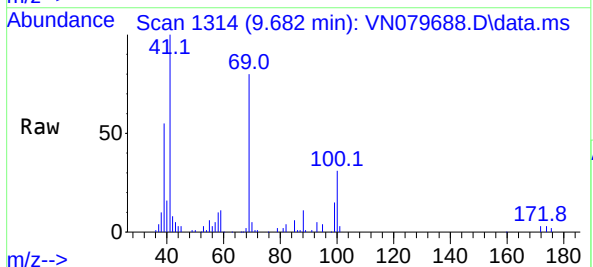
10/26/2023
Supervised By :Mahesh
Dadoda

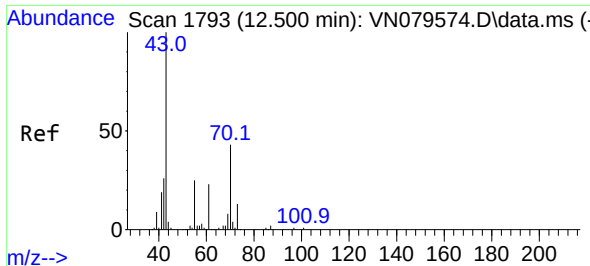
10/26/2023



#46
Methyl methacrylate
Concen: 21.314 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

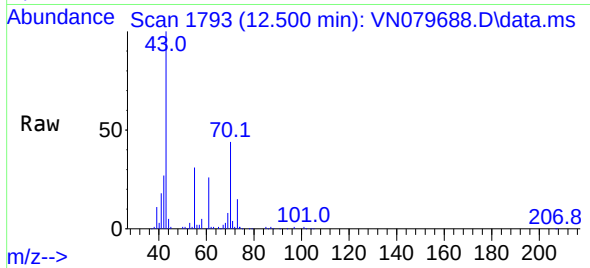
Tgt Ion: 41 Resp: 79397
Ion Ratio Lower Upper
41 100
69 82.5 40.0 119.9
39 55.1 31.1 93.3





#47
n-amy1 Acetate
Concen: 19.177 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



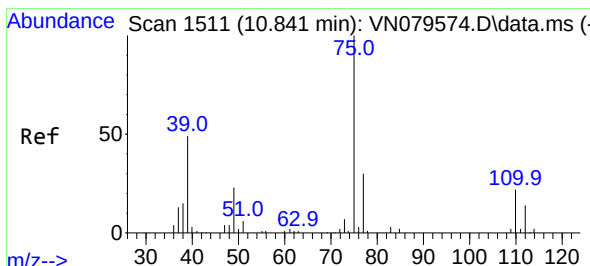
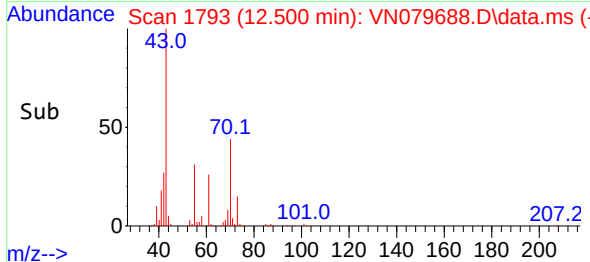
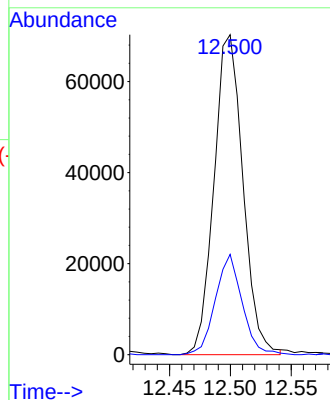
Tgt Ion: 43 Resp: 11621
Ion Ratio Lower Upper
43 100
55 29.0 20.7 31.1

Manual Integrations
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Reviewed By :John
Carlone

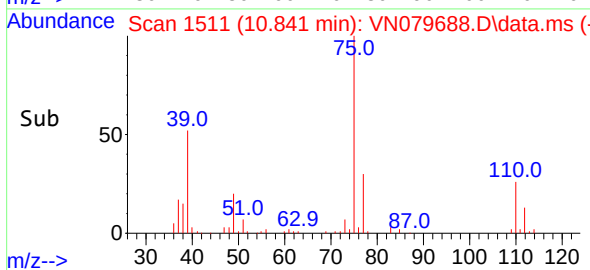
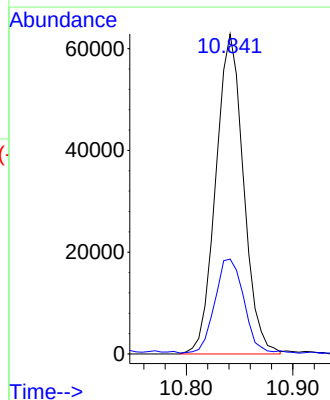
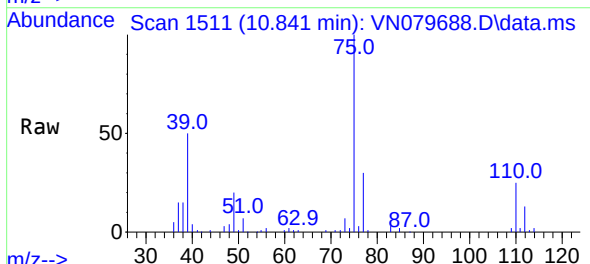
10/26/2023
Supervised By :Mahesh
Dadoda

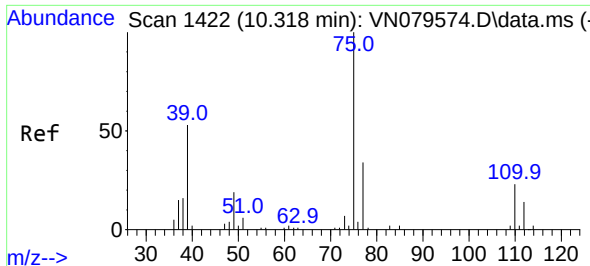
10/26/2023



#48
t-1,3-Dichloropropene
Concen: 20.586 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

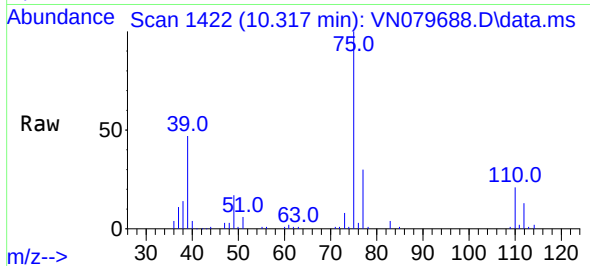
Tgt Ion: 75 Resp: 113721
Ion Ratio Lower Upper
75 100
77 29.3 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 21.537 ug/l
RT: 10.317 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



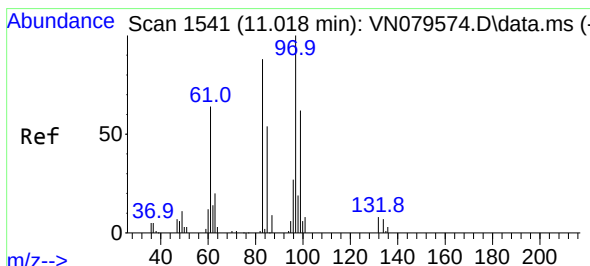
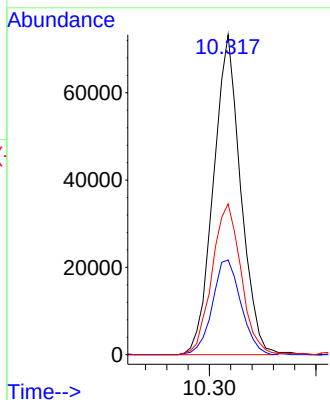
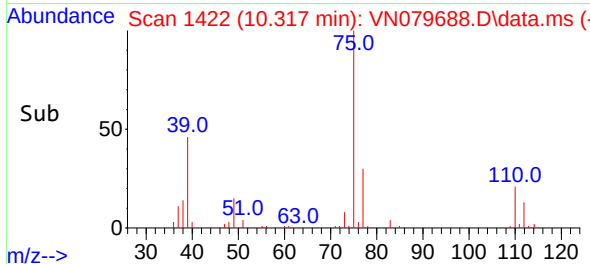
Tgt Ion: 75 Resp: 130100
Ion Ratio Lower Upper
75 100
77 29.6 25.8 38.6
39 47.2 42.4 63.6

Manual Integrations
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Reviewed By :John
Carlone

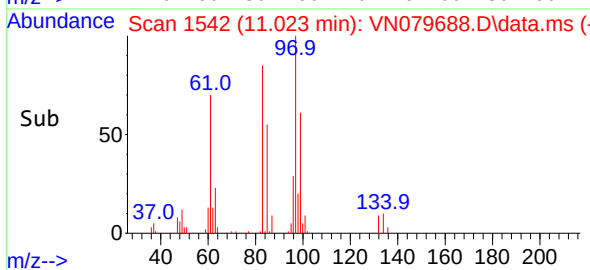
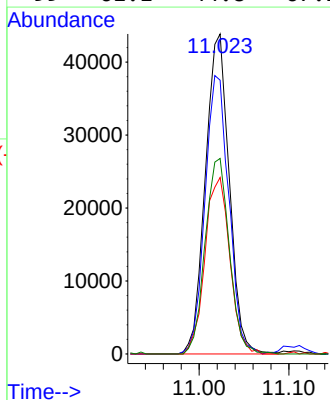
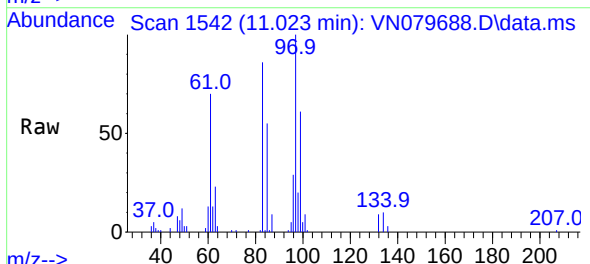
10/26/2023
Supervised By :Mahesh
Dadoda

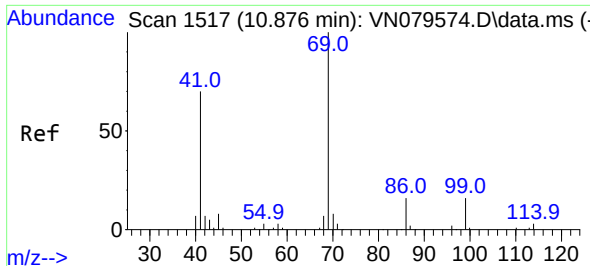
10/26/2023



#50
1,1,2-Trichloroethane
Concen: 22.193 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

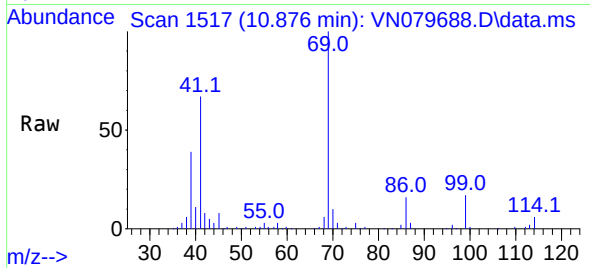
Tgt Ion: 97 Resp: 81184
Ion Ratio Lower Upper
97 100
83 85.6 68.2 102.4
85 55.1 42.9 64.3
99 61.1 44.8 67.2





#51
Ethyl methacrylate
Concen: 20.769 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



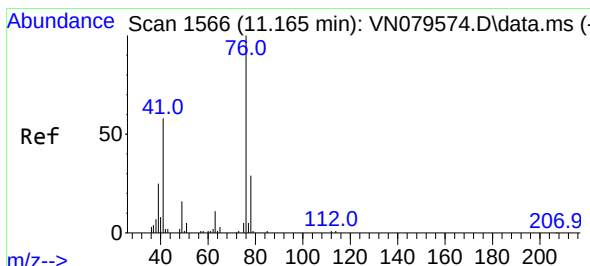
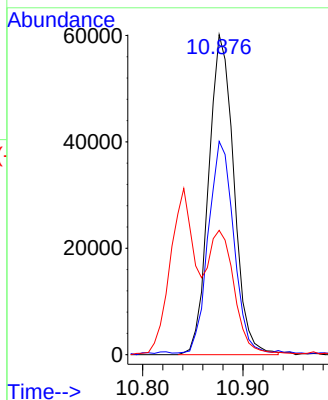
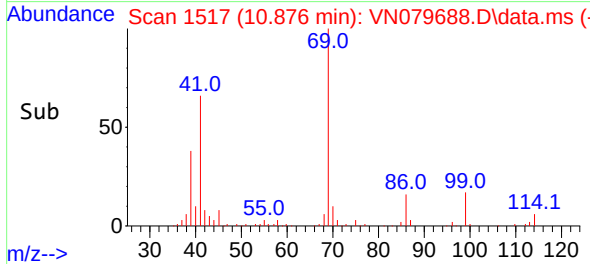
Tgt Ion: 69 Resp: 104818
Ion Ratio Lower Upper
69 100
41 66.1 33.8 101.3
39 38.1 21.3 63.9

Manual Integrations
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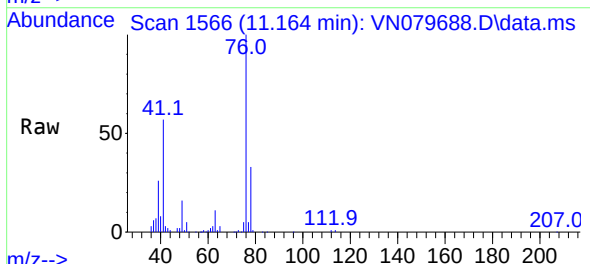
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

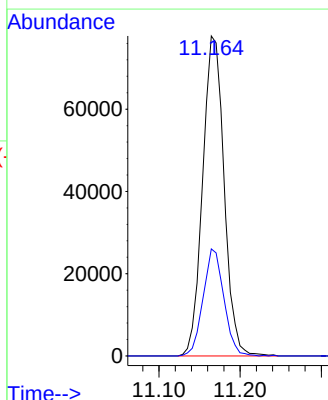
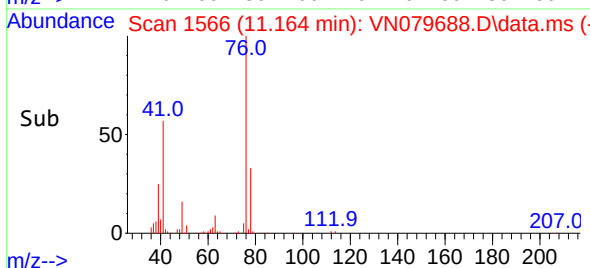
10/26/2023

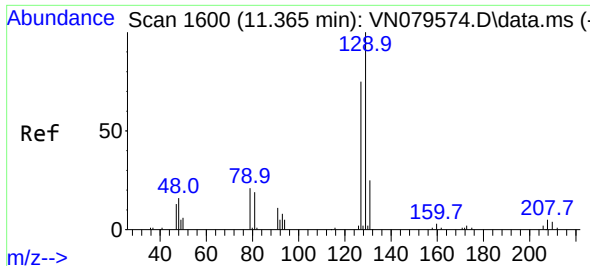


#52
1,3-Dichloropropane
Concen: 22.038 ug/l
RT: 11.164 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



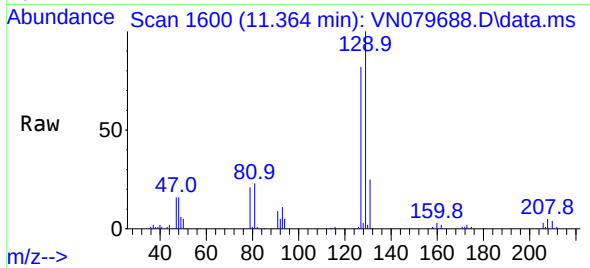
Tgt Ion: 76 Resp: 142818
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





#53
Dibromochloromethane
Concen: 22.715 ug/l
RT: 11.364 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



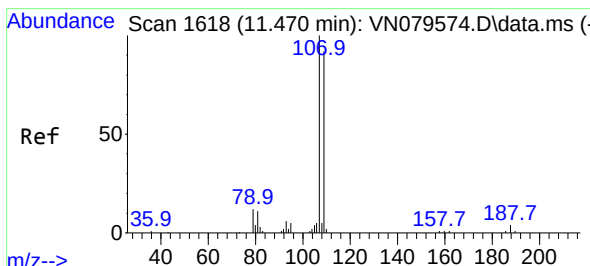
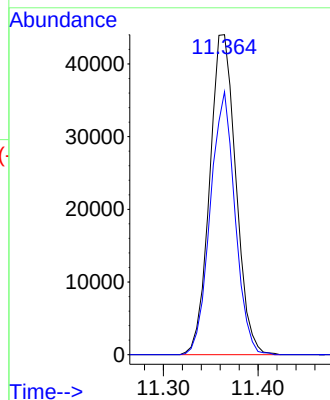
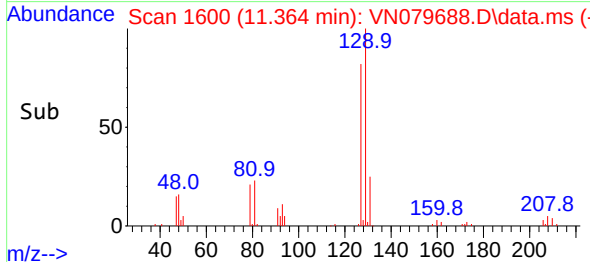
Tgt Ion:129 Resp: 84924
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3

Manual Integrations
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Reviewed By :John
Carlone

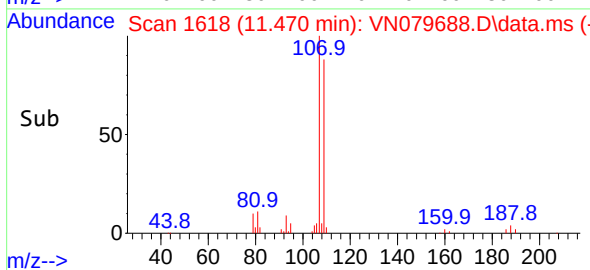
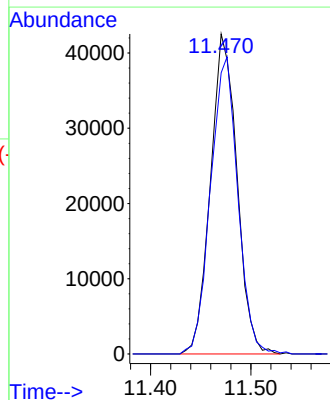
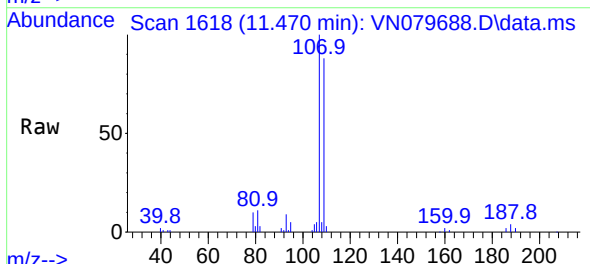
10/26/2023
Supervised By :Mahesh
Dadoda

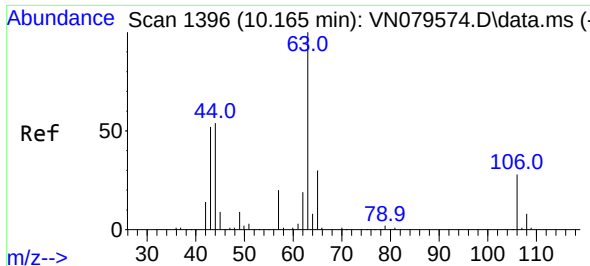
10/26/2023



#54
1,2-Dibromoethane
Concen: 21.550 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion:107 Resp: 77770
Ion Ratio Lower Upper
107 100
109 95.5 73.2 109.8





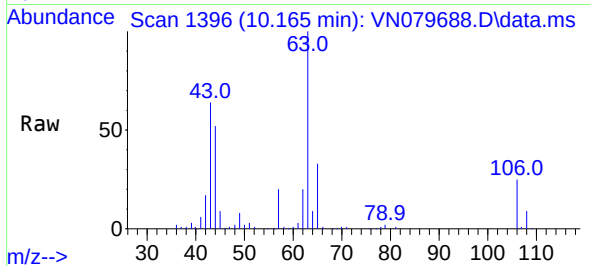
#55
2-Chloroethyl vinyl ether
Concen: 95.986 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



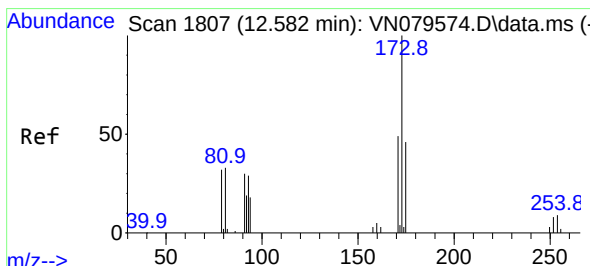
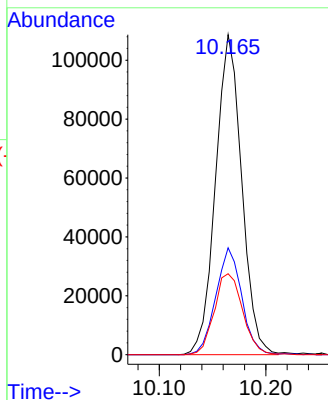
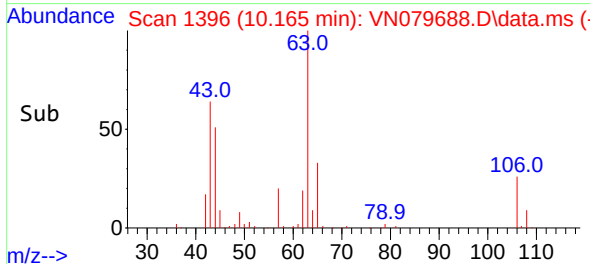
Tgt Ion: 63 Resp: 184829
Ion Ratio Lower Upper
63 100
65 33.1 25.9 38.9
106 27.5 20.6 30.8

Manual Integrations
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Reviewed By :John
Carlone

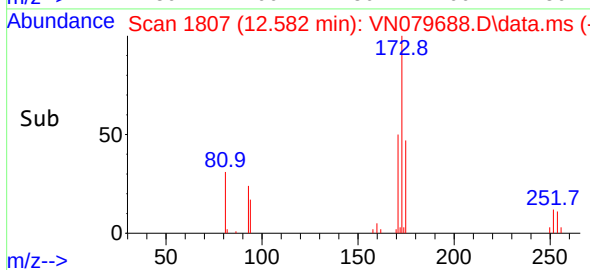
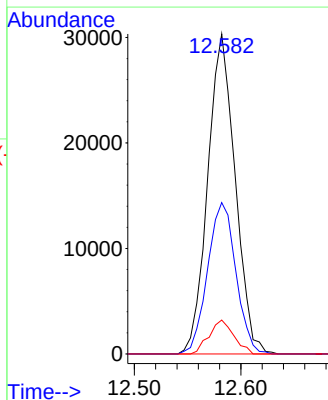
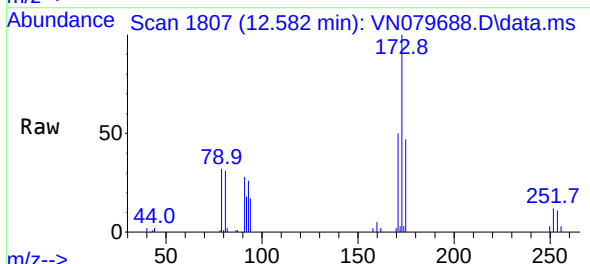
10/26/2023
Supervised By :Mahesh
Dadoda

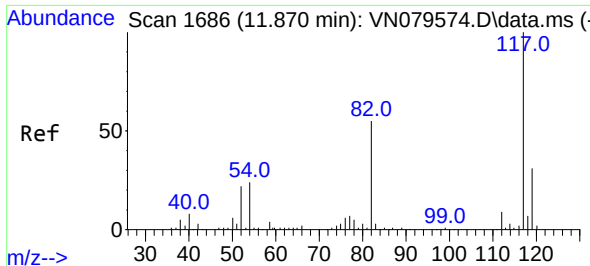
10/26/2023



#56
Bromoform
Concen: 21.956 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion:173 Resp: 54302
Ion Ratio Lower Upper
173 100
175 48.8 37.9 56.9
254 9.6 7.3 10.9





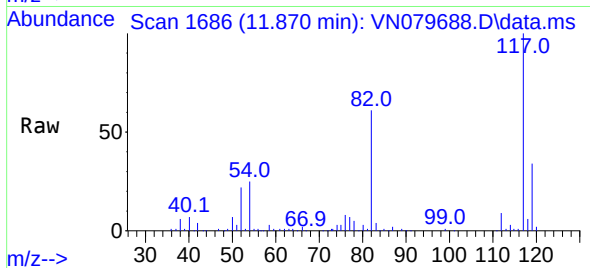
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



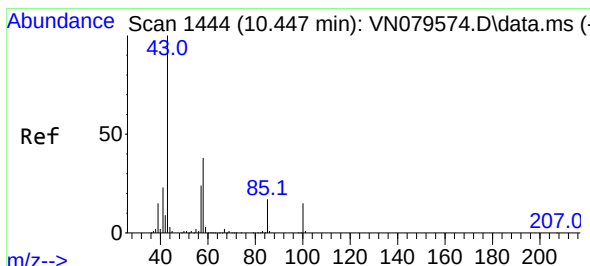
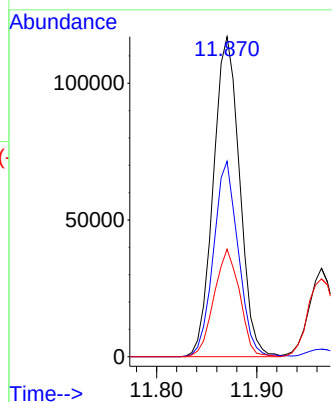
Tgt Ion:117 Resp: 213120
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.2
119 32.8 25.2 37.8

Manual Integrations
APPROVED

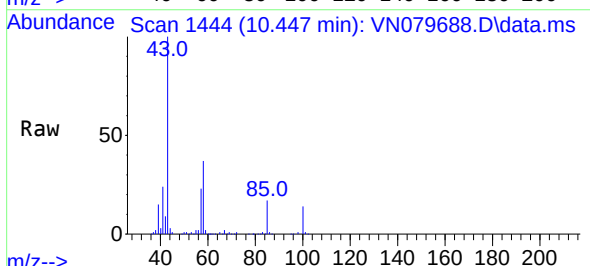
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

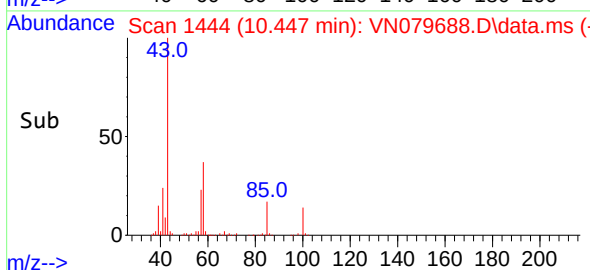
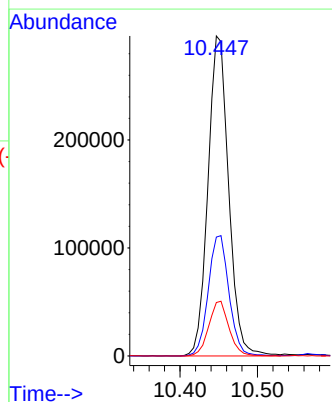
10/26/2023

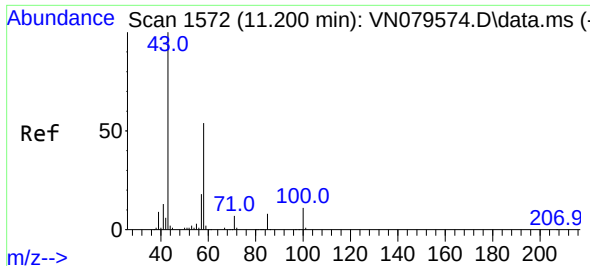


#58
4-Methyl-2-Pentanone
Concen: 110.613 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



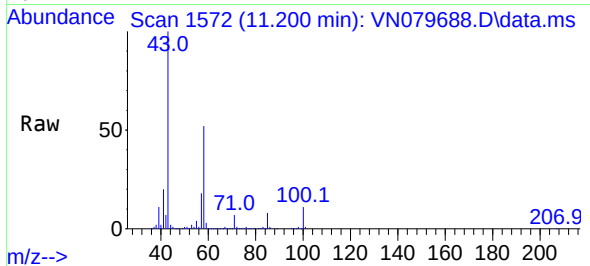
Tgt Ion: 43 Resp: 549865
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6
85 16.7 13.2 19.8





#59
2-Hexanone
Concen: 105.369 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



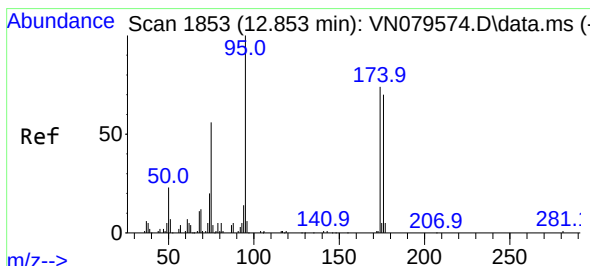
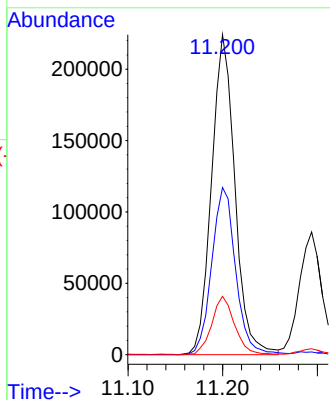
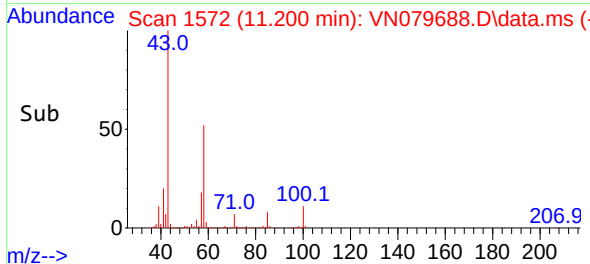
Tgt Ion: 43 Resp: 384270
Ion Ratio Lower Upper
43 100
58 53.4 42.3 63.5
57 17.8 13.9 20.9

Manual Integrations
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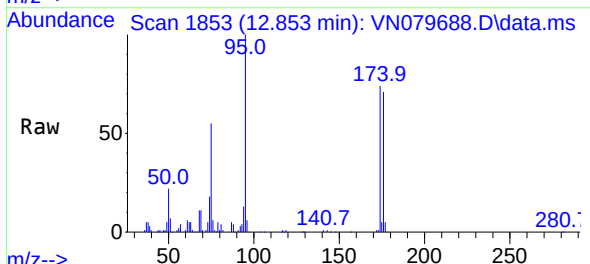
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

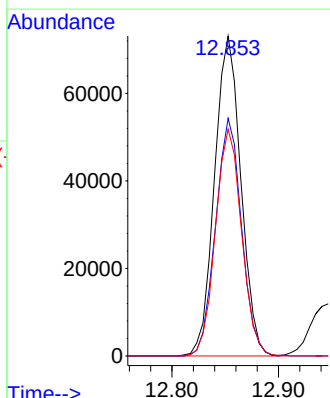
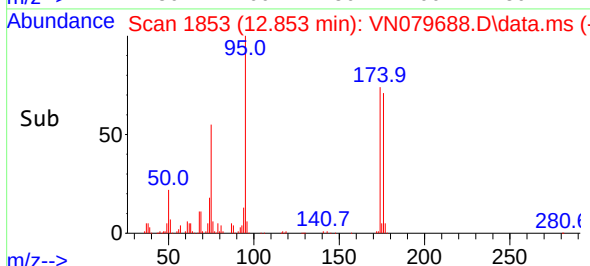
10/26/2023

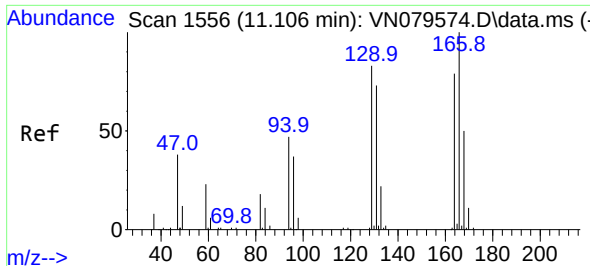


#60
4-Bromofluorobenzene
Concen: 32.202 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



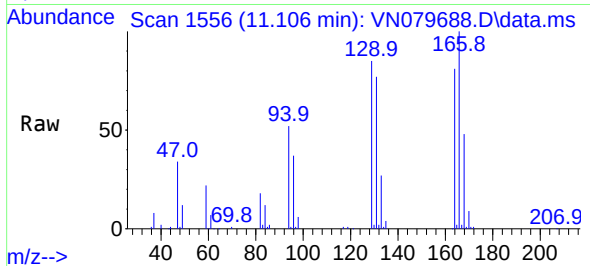
Tgt Ion: 95 Resp: 125507
Ion Ratio Lower Upper
95 100
174 73.0 60.5 90.7
176 70.2 57.2 85.8





#61
Tetrachloroethene
Concen: 22.156 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



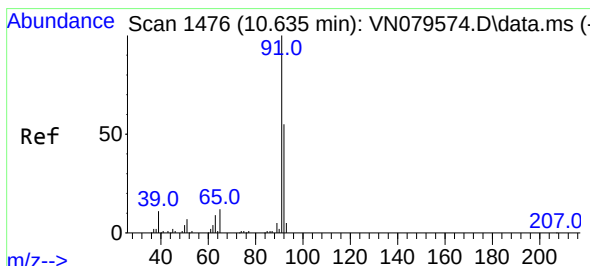
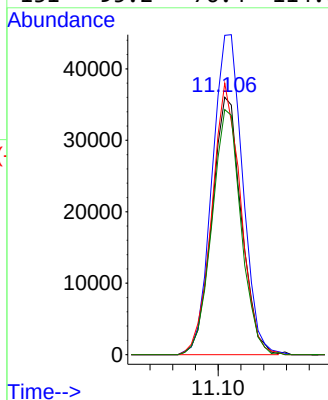
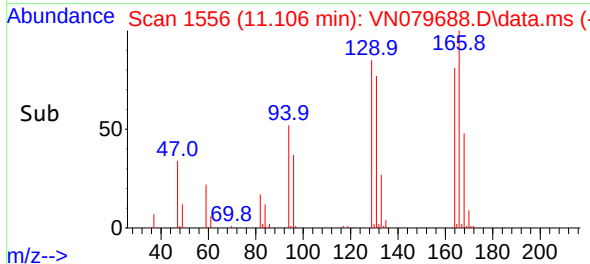
Tgt Ion:164 Resp: 64834
Ion Ratio Lower Upper
164 100
166 124.1 98.2 147.4
129 105.5 75.0 112.4
131 95.2 76.4 114.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

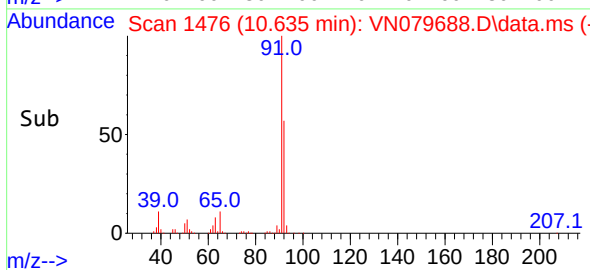
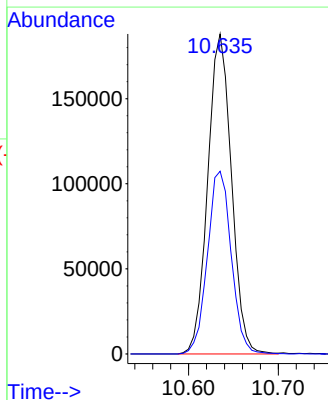
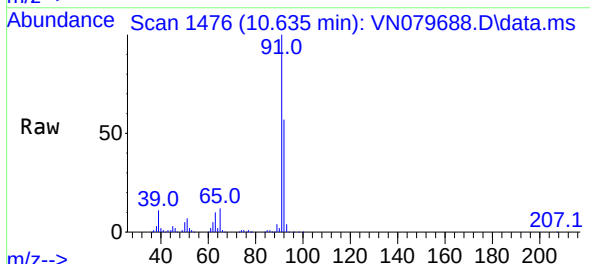
10/26/2023
Supervised By :Mahesh
Dadoda

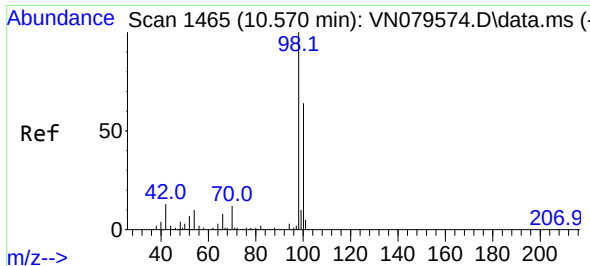
10/26/2023



#62
Toluene
Concen: 21.179 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

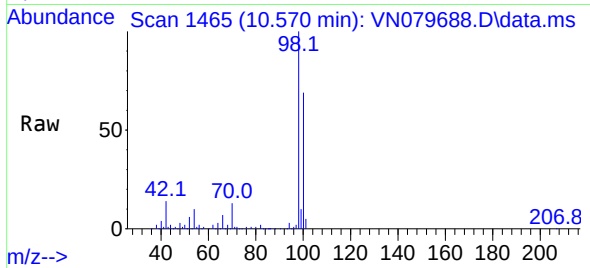
Tgt Ion: 91 Resp: 344975
Ion Ratio Lower Upper
91 100
92 57.4 45.3 67.9





#63
Toluene-d8
Concen: 30.868 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



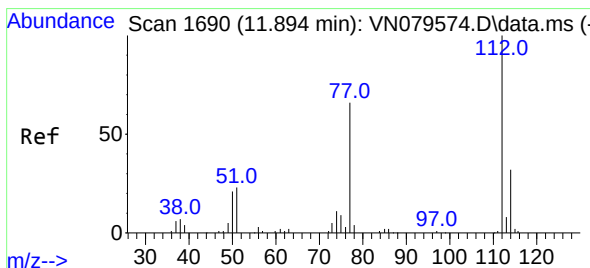
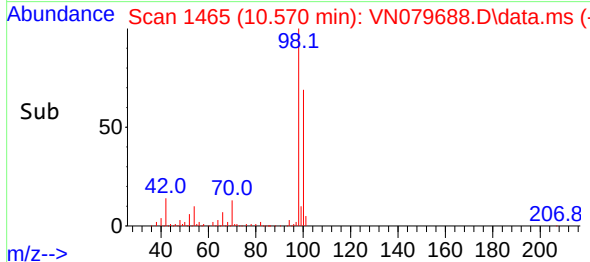
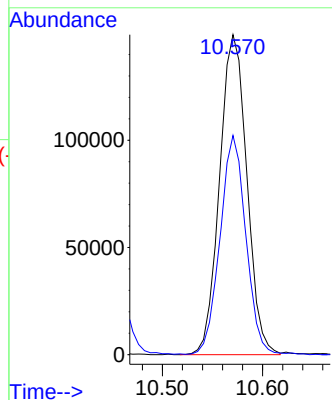
Tgt Ion: 98 Resp: 28190
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

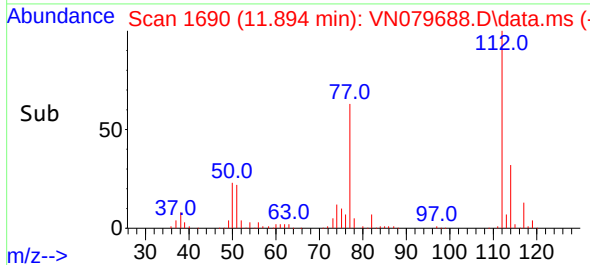
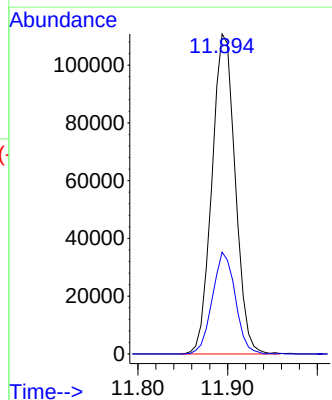
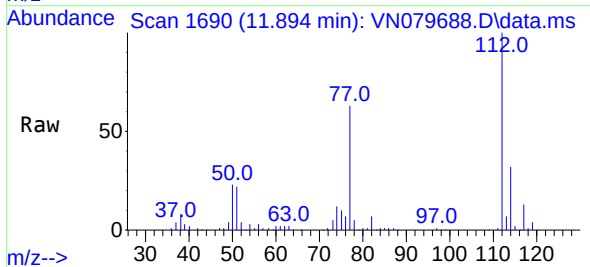
10/26/2023
Supervised By :Mahesh
Dadoda

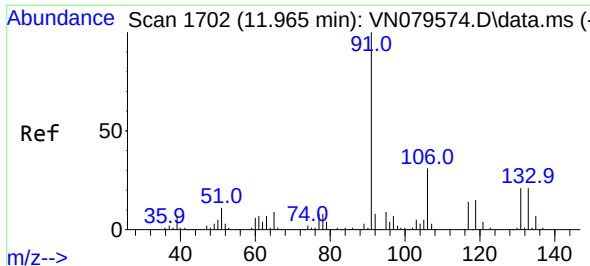
10/26/2023



#64
Chlorobenzene
Concen: 21.154 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion:112 Resp: 199837
Ion Ratio Lower Upper
112 100
114 31.8 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 22.136 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

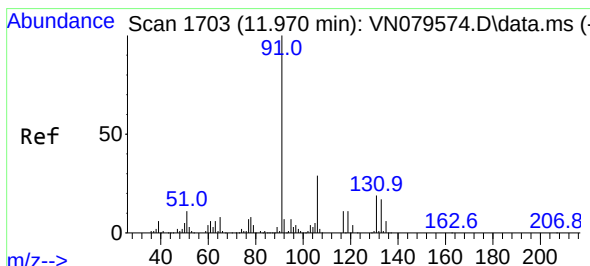
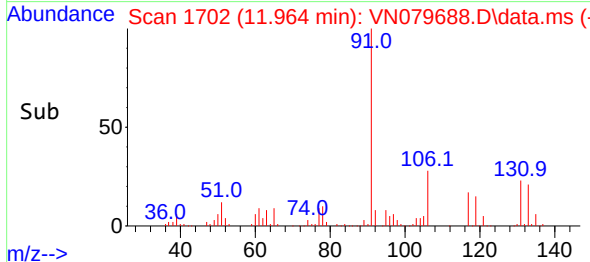
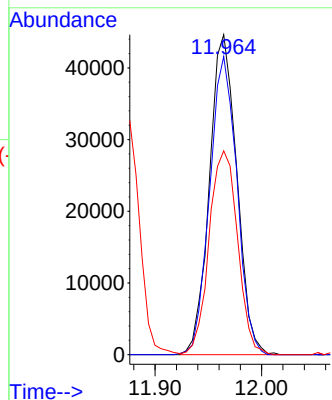
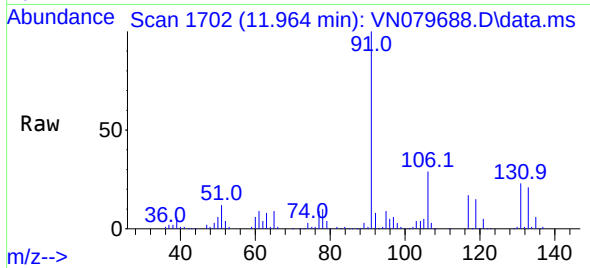
Tgt Ion:131 Resp: 79660
Ion Ratio Lower Upper
131 100
133 92.8 0.0 196.0
119 66.2 0.0 135.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

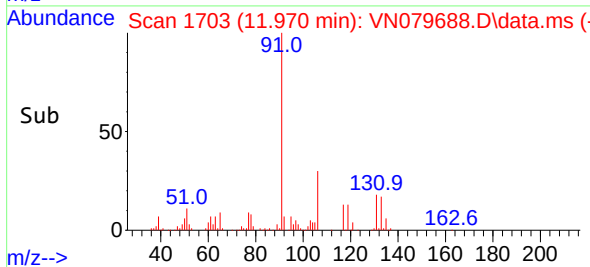
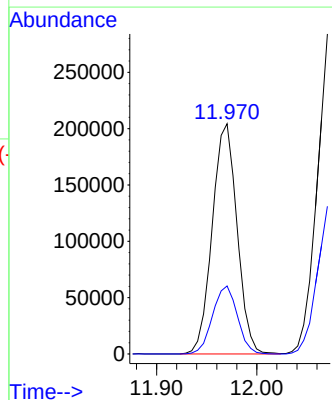
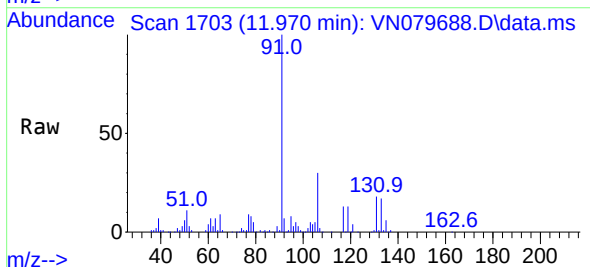
10/26/2023
Supervised By :Mahesh
Dadoda

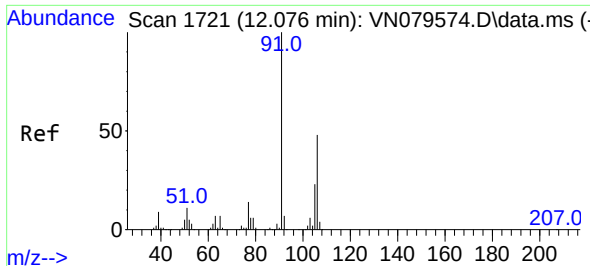
10/26/2023



#66
Ethyl Benzene
Concen: 20.931 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

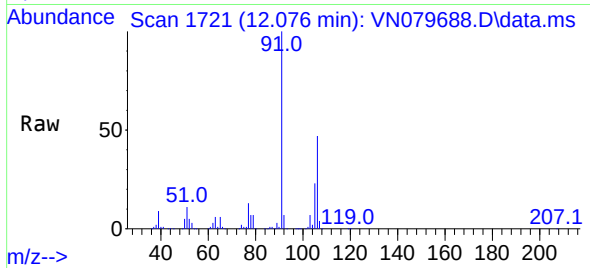
Tgt Ion: 91 Resp: 351270
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8





#67
m/p-Xylenes
Concen: 43.245 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



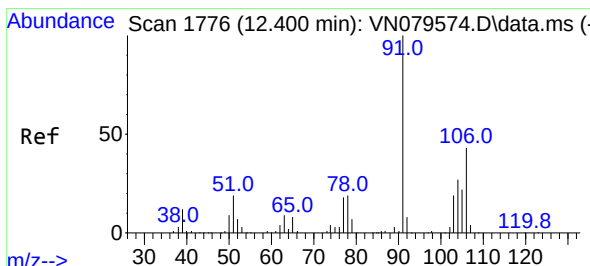
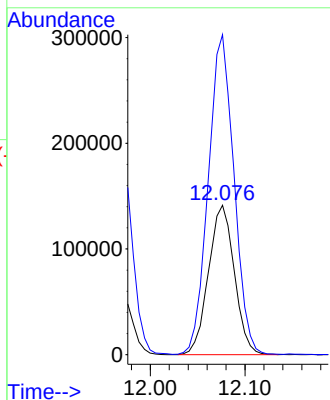
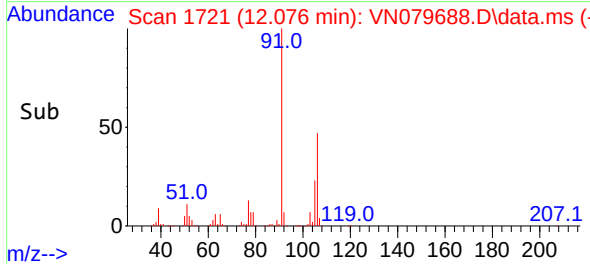
Tgt Ion:106 Resp: 26843
Ion Ratio Lower Upper
106 100
91 213.3 161.8 242.6

Manual Integrations
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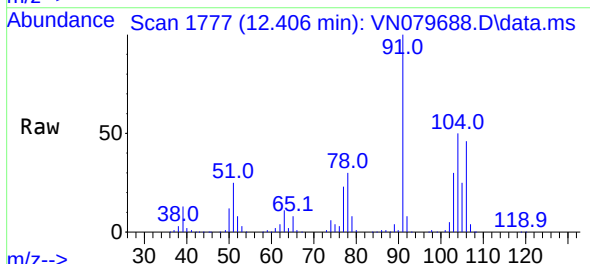
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

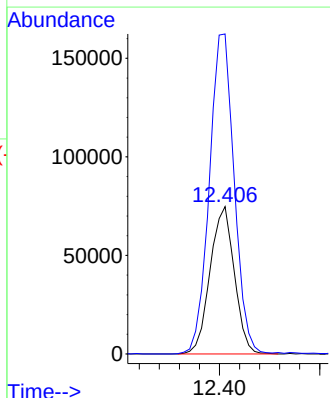
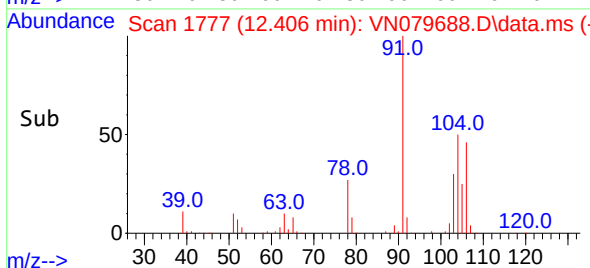
10/26/2023

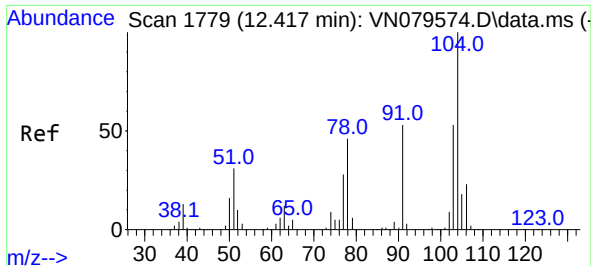


#68
o-Xylene
Concen: 21.189 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



Tgt Ion:106 Resp: 125737
Ion Ratio Lower Upper
106 100
91 222.5 109.9 329.7





#69
Styrene
Concen: 21.947 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

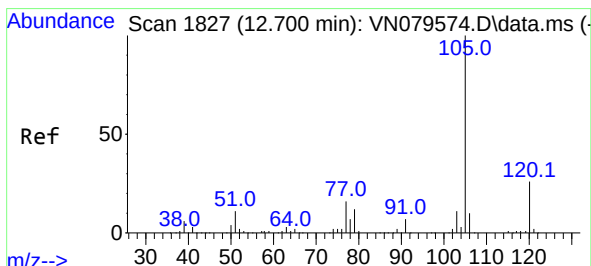
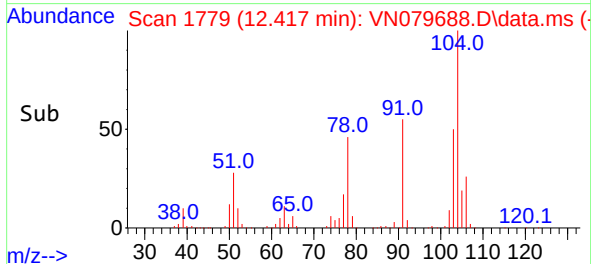
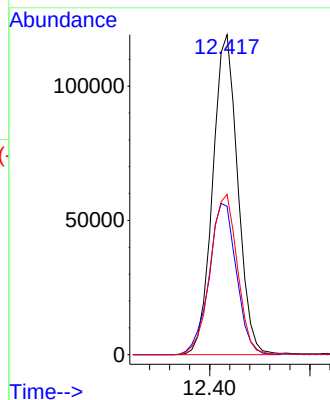
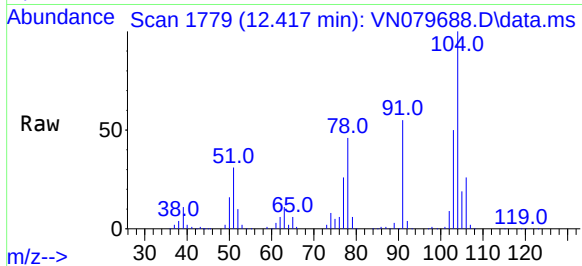
Tgt Ion:104 Resp: 206750
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.2 43.1 64.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

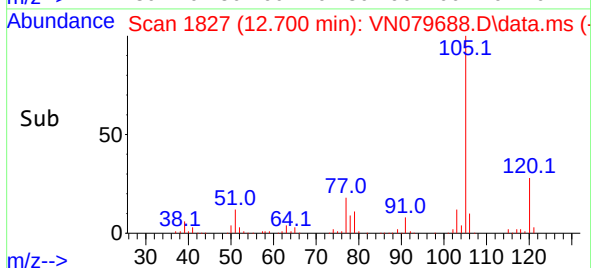
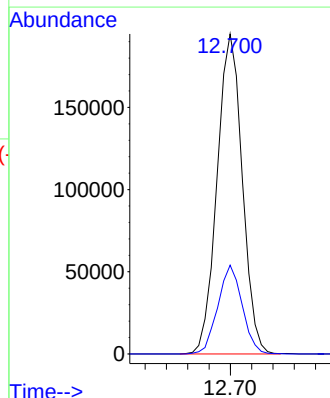
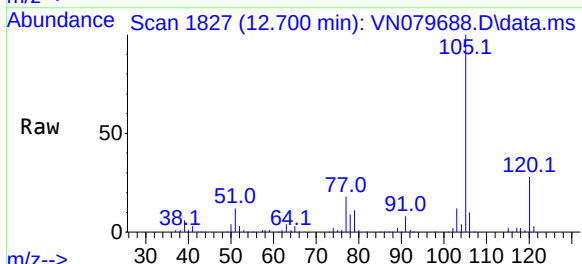
10/26/2023
Supervised By :Mahesh
Dadoda

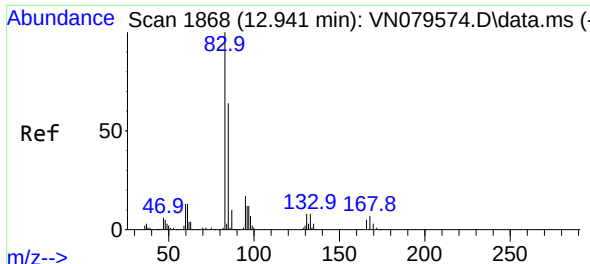
10/26/2023



#70
Isopropylbenzene
Concen: 20.971 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

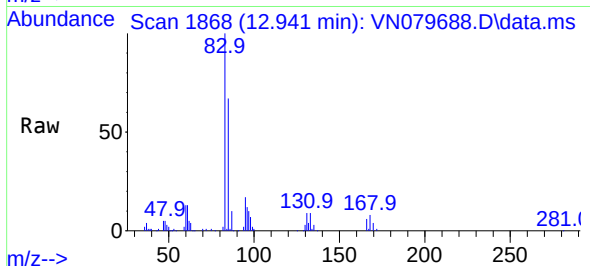
Tgt Ion:105 Resp: 319355
Ion Ratio Lower Upper
105 100
120 26.8 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.905 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



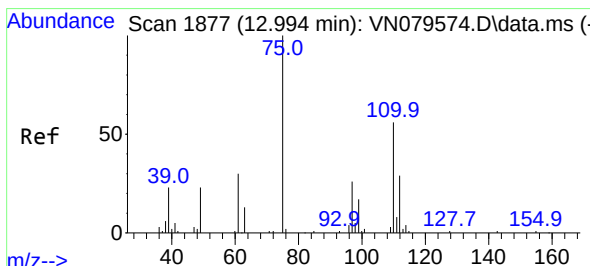
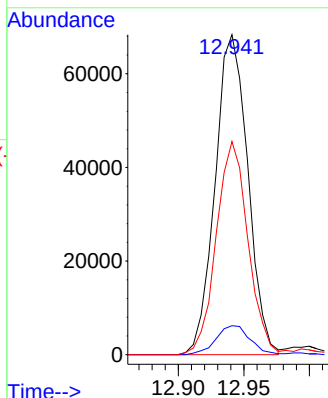
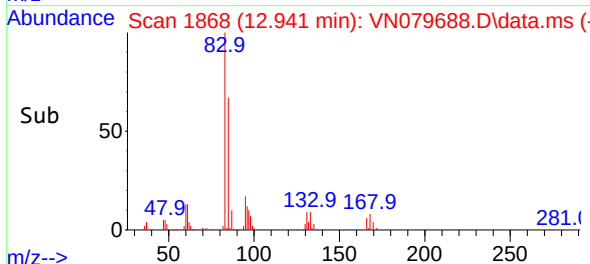
Tgt Ion: 83 Resp: 118610
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 64.4 32.1 96.3

Manual Integrations
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Reviewed By :John
Carlone

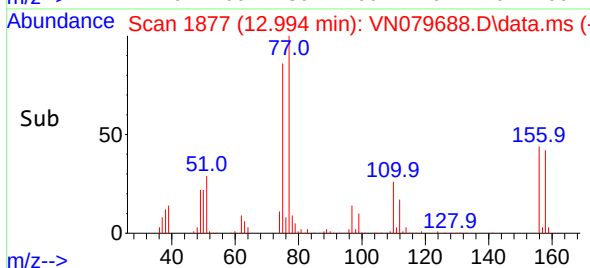
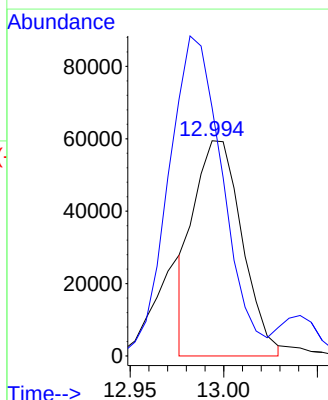
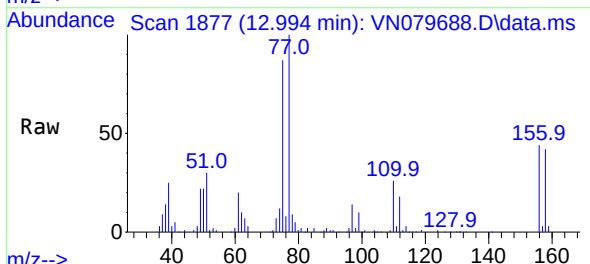
10/26/2023
Supervised By :Mahesh
Dadoda

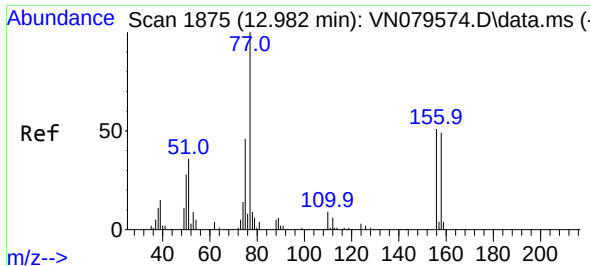
10/26/2023



#72
1,2,3-Trichloropropane
Concen: 21.698 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

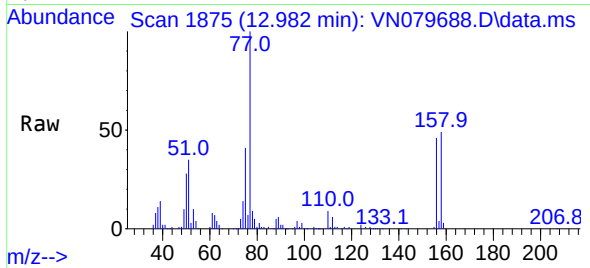
Tgt Ion: 75 Resp: 106698
Ion Ratio Lower Upper
75 100
77 166.6 0.0 338.2





#73
Bromobenzene
Concen: 20.828 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



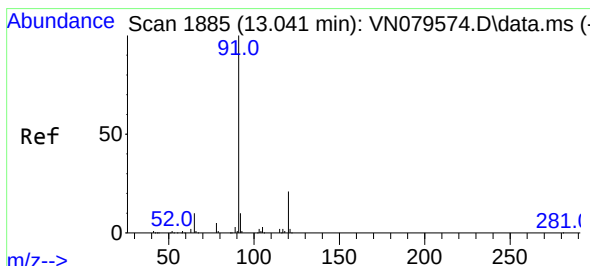
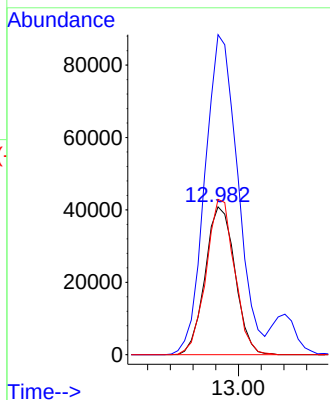
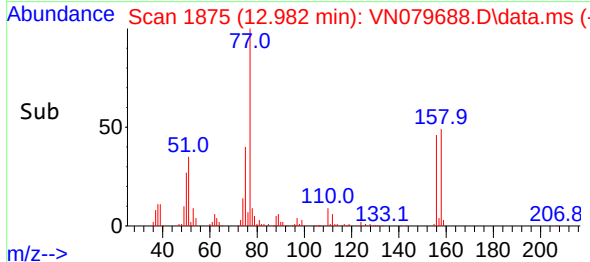
Tgt Ion:156 Resp: 74509
Ion Ratio Lower Upper
156 100
77 238.6 0.0 448.2
158 100.2 0.0 194.8

Manual Integrations
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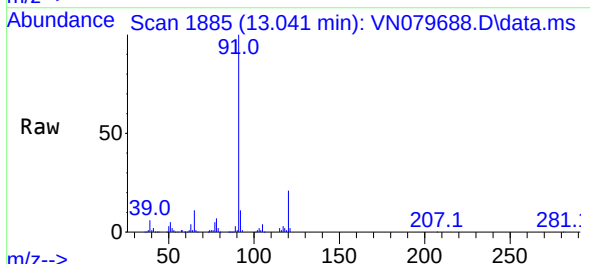
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

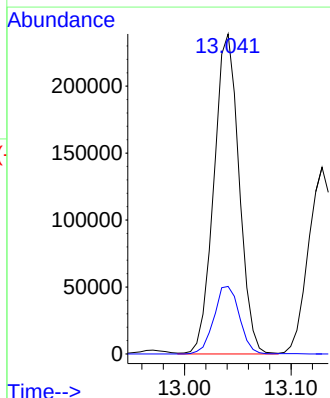
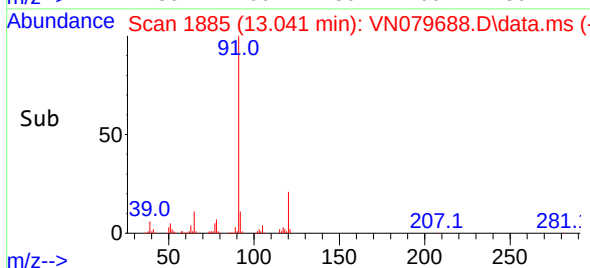
10/26/2023

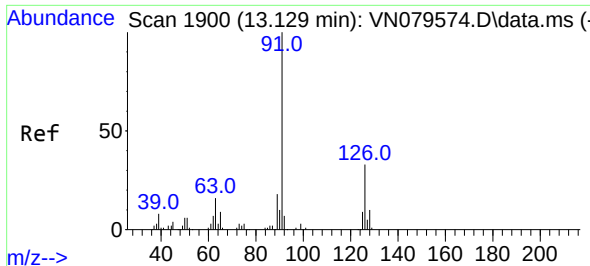


#74
n-propylbenzene
Concen: 22.063 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



Tgt Ion: 91 Resp: 391170
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.0





#75
2-Chlorotoluene
Concen: 21.896 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

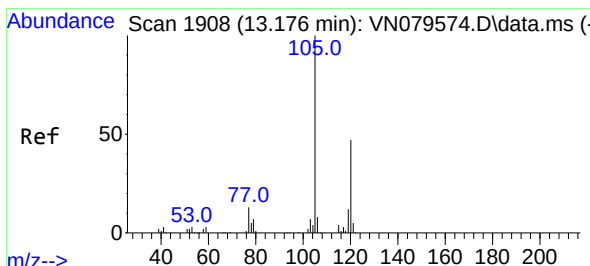
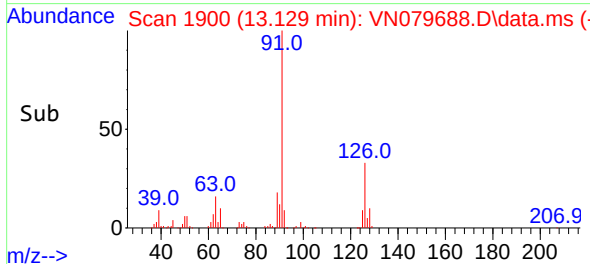
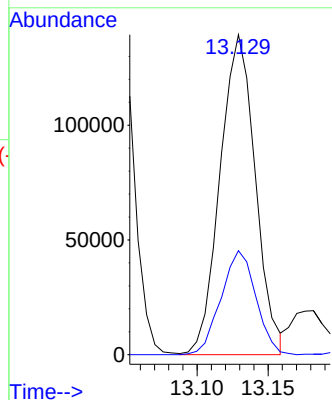
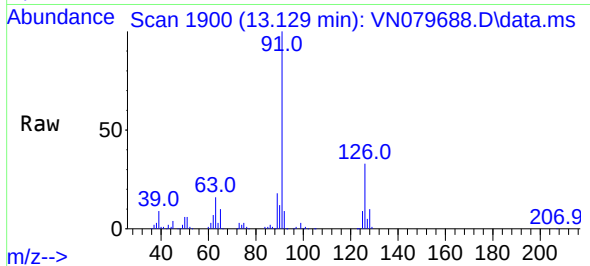
Tgt Ion: 91 Resp: 241330
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.6

Manual Integrations
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Reviewed By :John
Carlone

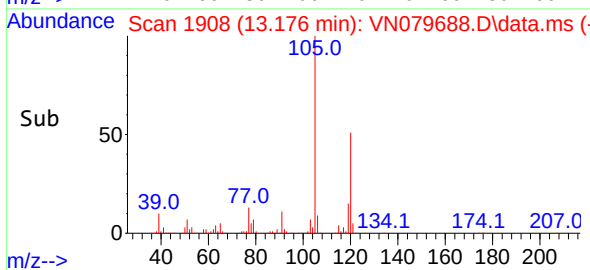
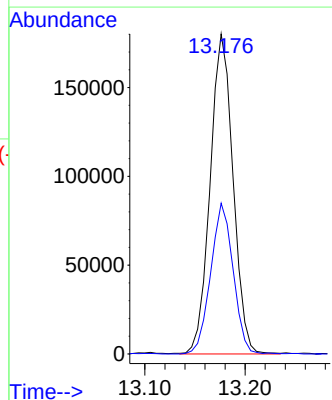
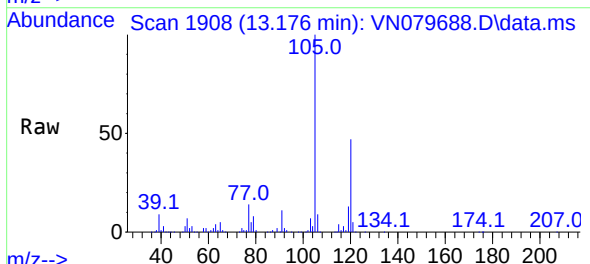
10/26/2023
Supervised By :Mahesh
Dadoda

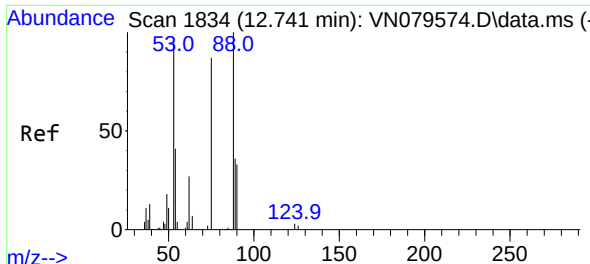
10/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.990 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

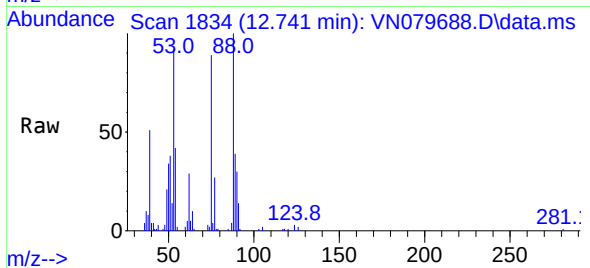
Tgt Ion:105 Resp: 286207
Ion Ratio Lower Upper
105 100
120 46.0 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.248 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



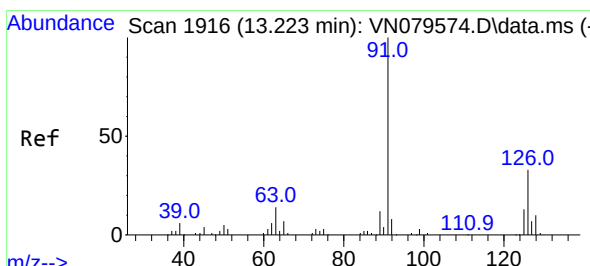
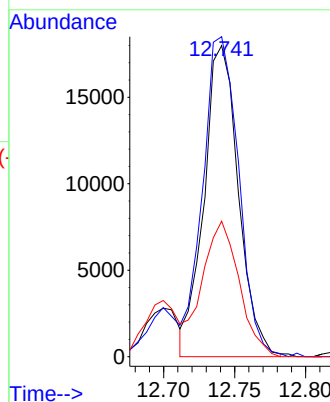
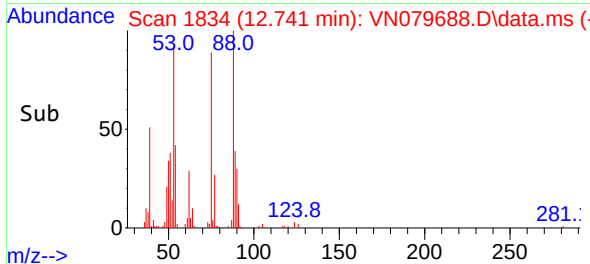
Tgt Ion: 75 Resp: 3038
Ion Ratio Lower Upper
75 100
53 102.9 53.0 159.1
89 44.0 22.6 67.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

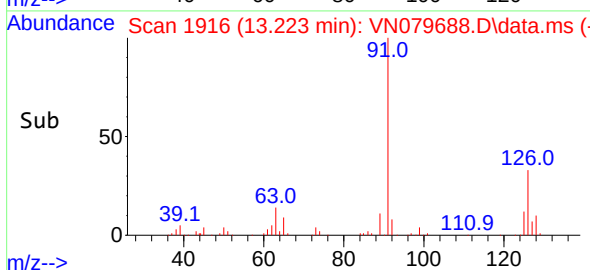
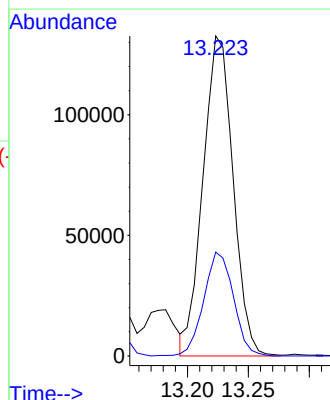
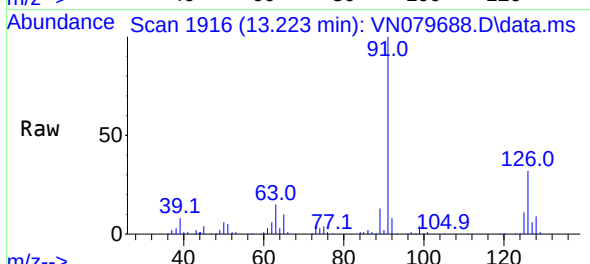
10/26/2023
Supervised By :Mahesh
Dadoda

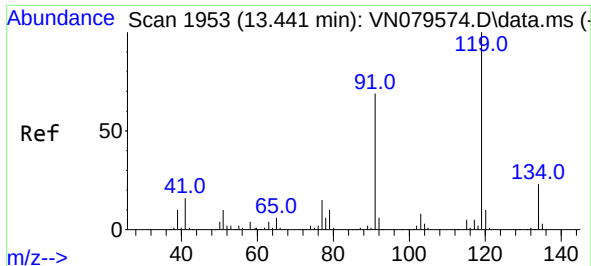
10/26/2023



#78
4-Chlorotoluene
Concen: 21.952 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion: 91 Resp: 228603
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4





#79
tert-butylbenzene
Concen: 22.179 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

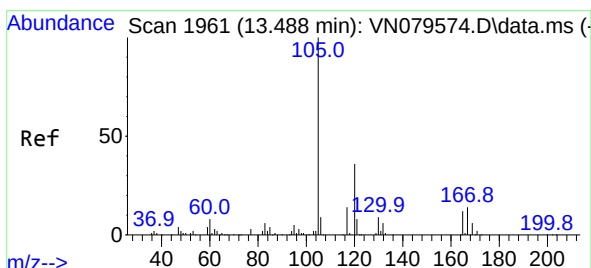
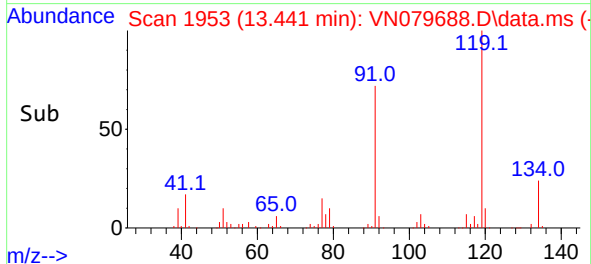
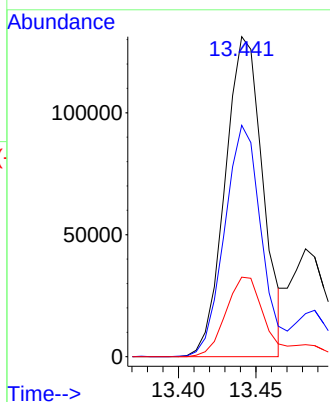
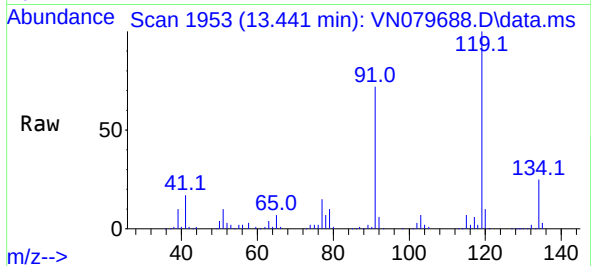
Tgt Ion:119 Resp: 221999
Ion Ratio Lower Upper
119 100
91 71.1 0.0 140.6
134 24.9 0.0 49.8

Manual Integrations
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Reviewed By :John
Carlone

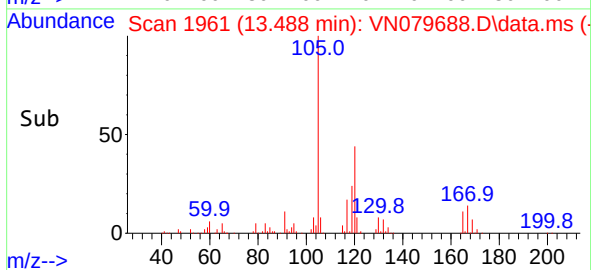
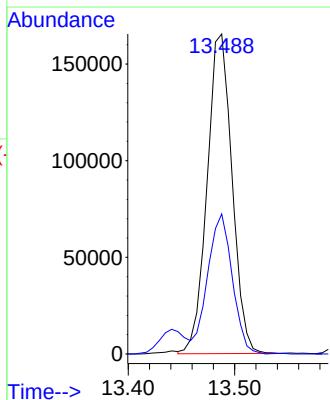
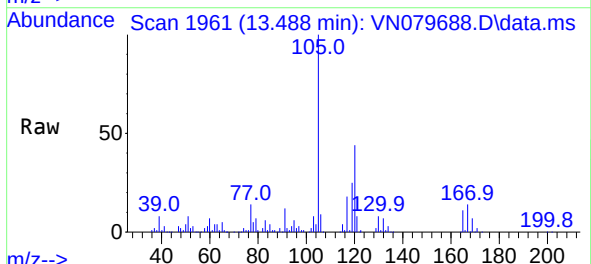
10/26/2023
Supervised By :Mahesh
Dadoda

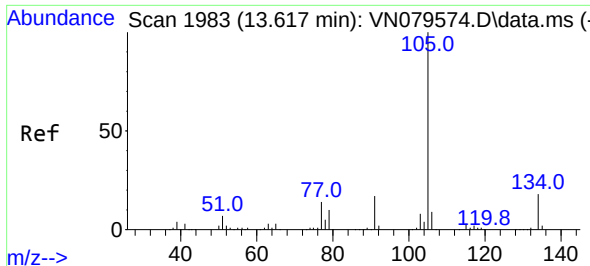
10/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 22.314 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Tgt Ion:105 Resp: 269172
Ion Ratio Lower Upper
105 100
120 43.2 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 22.540 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN079688.D
 Acq: 25 Oct 2023 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

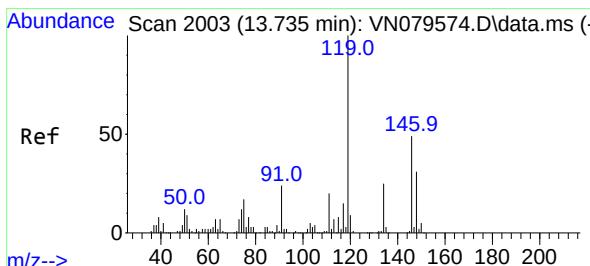
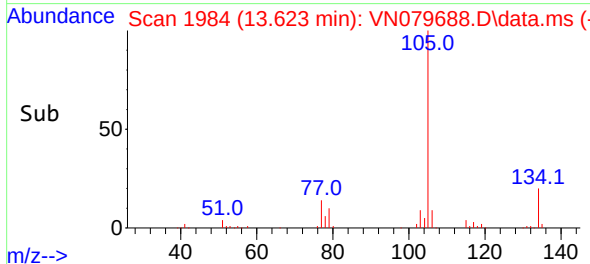
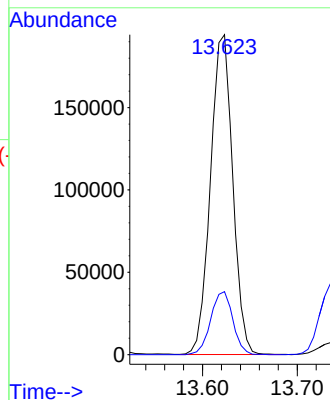
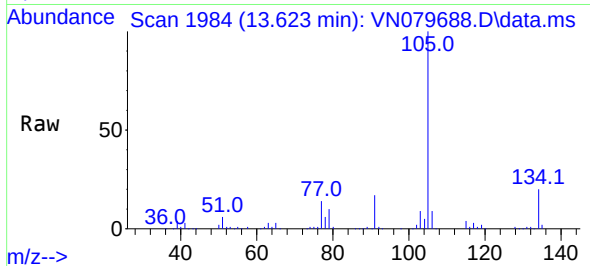
Tgt Ion:105 Resp: 31672
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.2

Manual Integrations
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Reviewed By :John
 Carlone

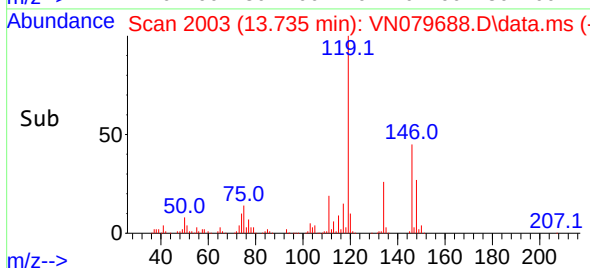
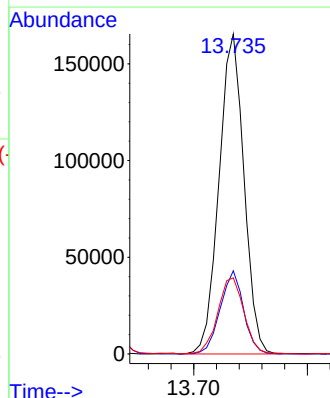
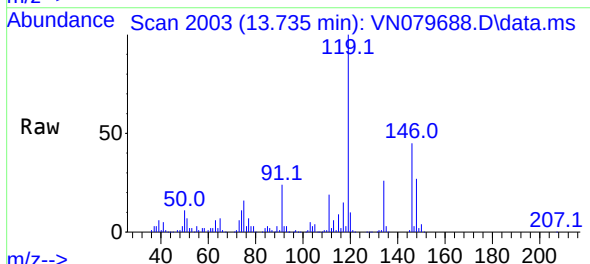
10/26/2023
 Supervised By :Mahesh
 Dadoda

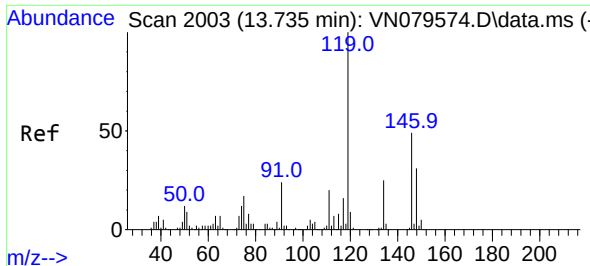
10/26/2023



#82
 p-Isopropyltoluene
 Concen: 22.632 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079688.D
 Acq: 25 Oct 2023 17:49

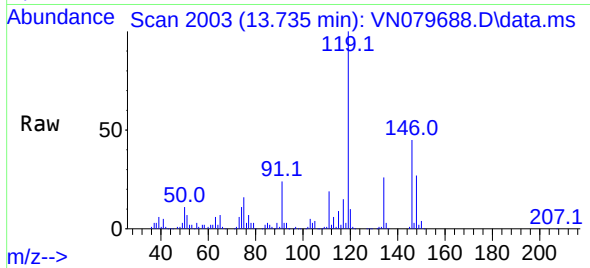
Tgt Ion:119 Resp: 252263
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 52.2
 91 25.1 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 22.042 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



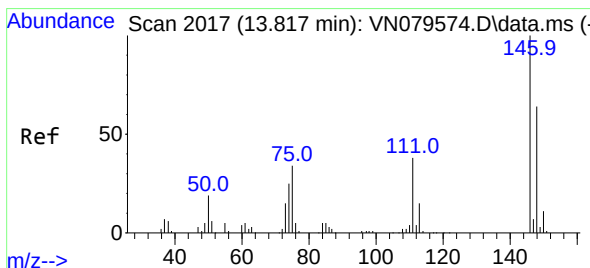
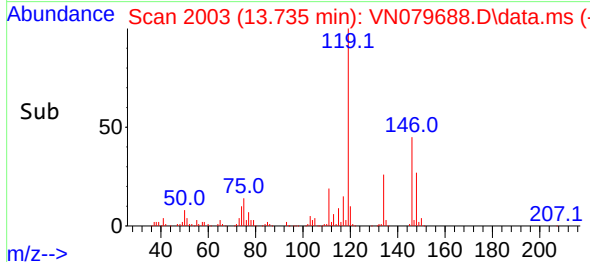
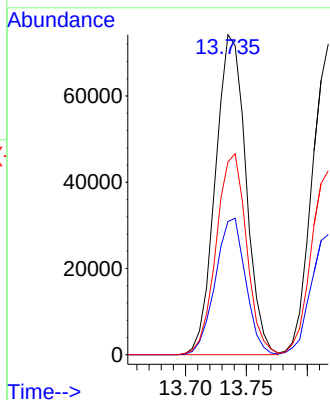
Tgt Ion:146 Resp: 12966
Ion Ratio Lower Upper
146 100
111 42.4 21.0 63.0
148 62.3 32.4 97.0

Manual Integrations
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Reviewed By :John
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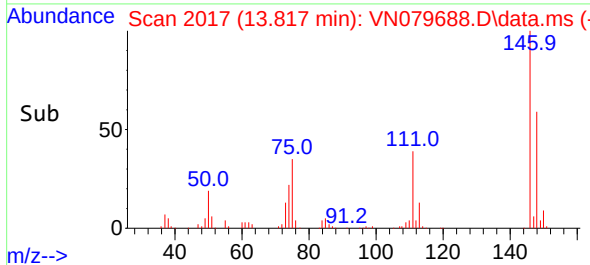
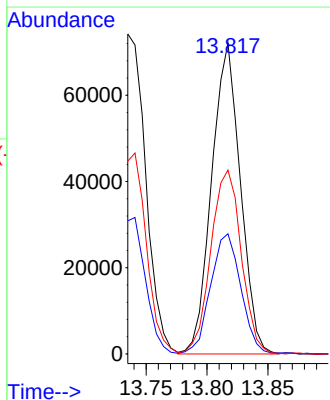
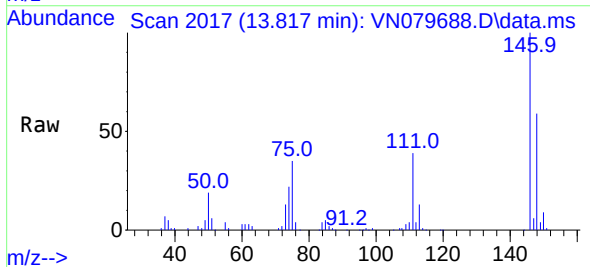
10/26/2023
Supervised By :Mahesh
Dadoda

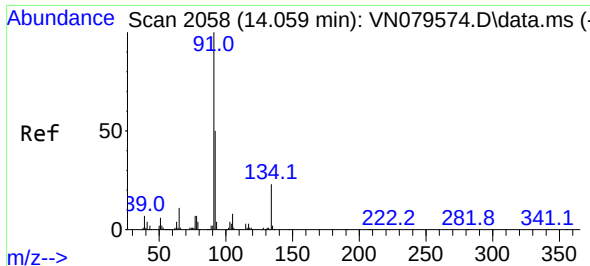
10/26/2023



#84
1,4-Dichlorobenzene
Concen: 21.021 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

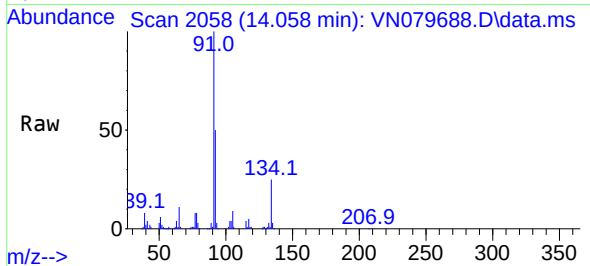
Tgt Ion:146 Resp: 118545
Ion Ratio Lower Upper
146 100
111 40.6 19.9 59.7
148 62.6 32.6 97.7





#85
n-Butylbenzene
Concen: 20.304 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



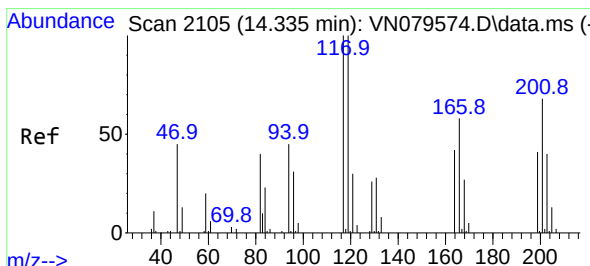
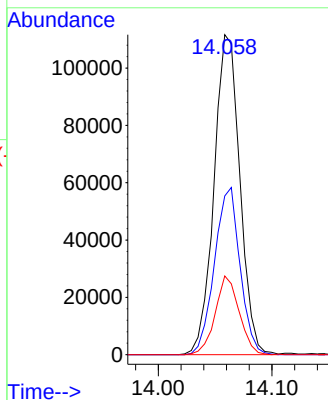
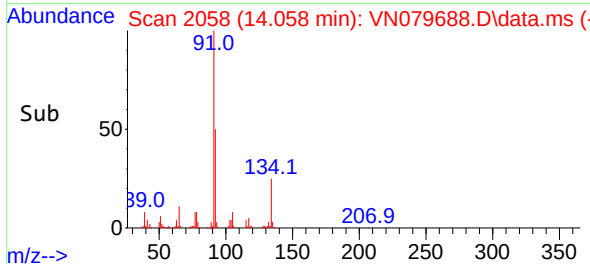
Tgt Ion: 91 Resp: 176818
Ion Ratio Lower Upper
91 100
92 51.5 0.0 99.6
134 22.8 0.0 46.2

Manual Integrations
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Reviewed By :John
Carlone

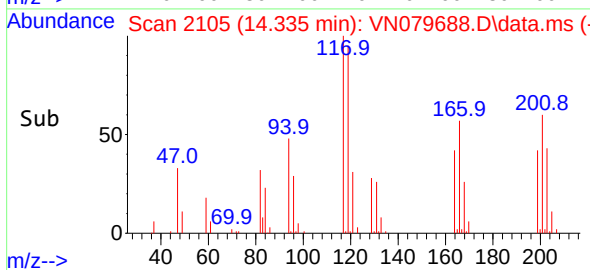
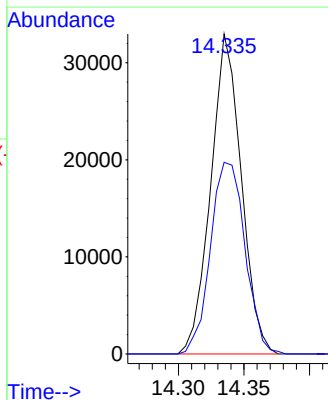
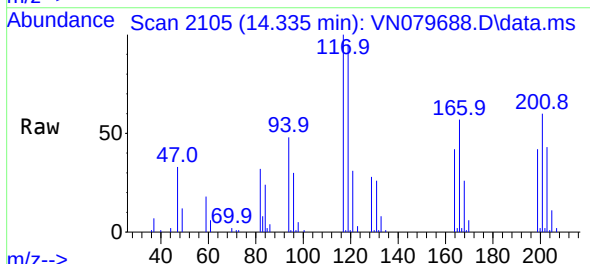
10/26/2023
Supervised By :Mahesh
Dadoda

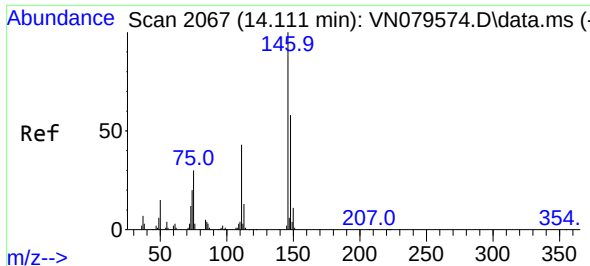
10/26/2023



#86
Hexachloroethane
Concen: 22.151 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

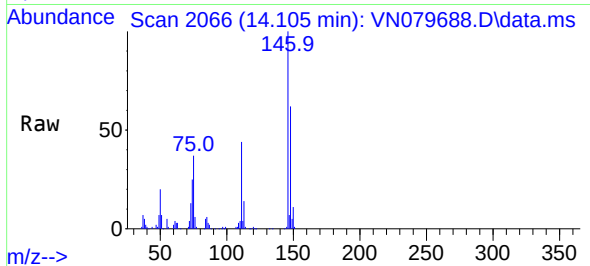
Tgt Ion:117 Resp: 53376
Ion Ratio Lower Upper
117 100
201 67.9 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 21.721 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



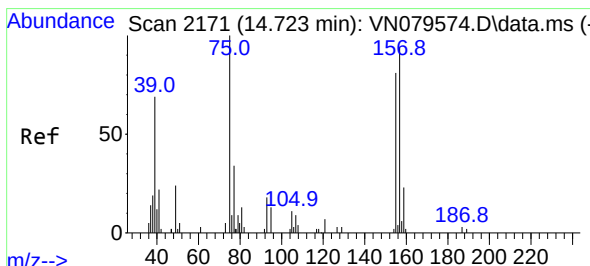
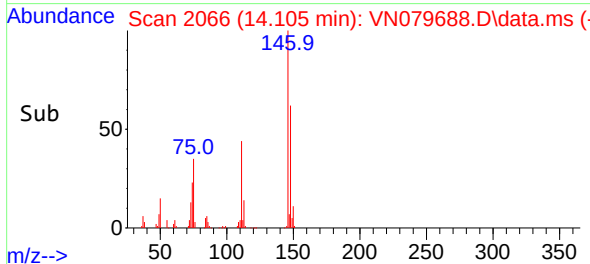
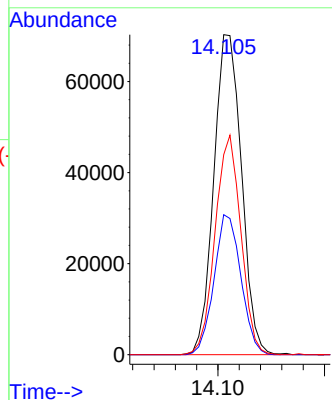
Tgt Ion:146 Resp: 127000
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.8 31.1 93.5

Manual Integrations
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Reviewed By :John
Carlone

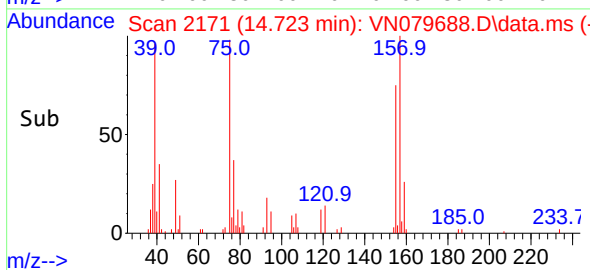
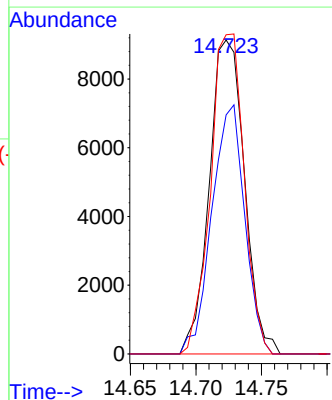
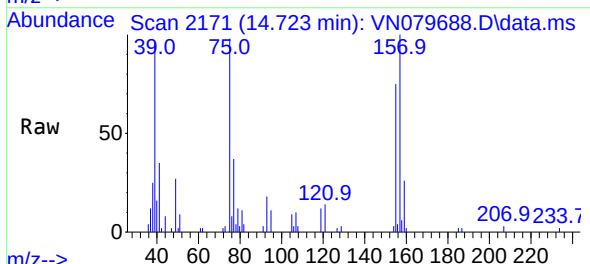
10/26/2023
Supervised By :Mahesh
Dadoda

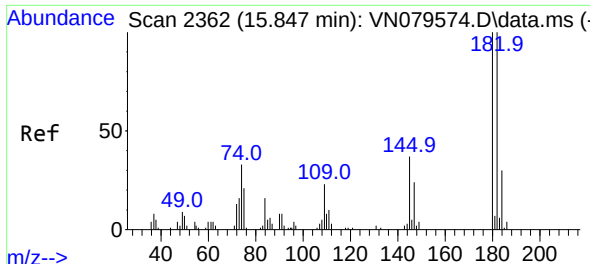
10/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.675 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

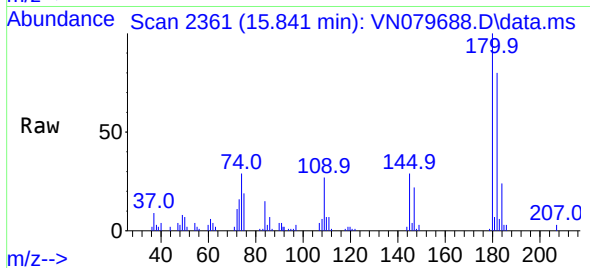
Tgt Ion: 75 Resp: 17059
Ion Ratio Lower Upper
75 100
155 74.2 60.7 91.1
157 97.4 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 14.573 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



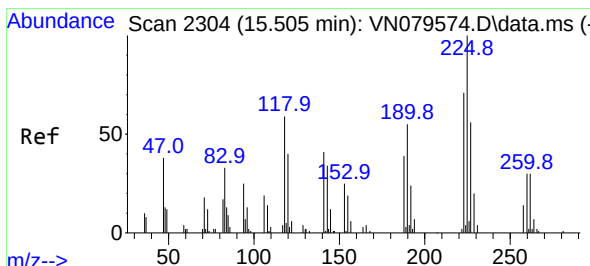
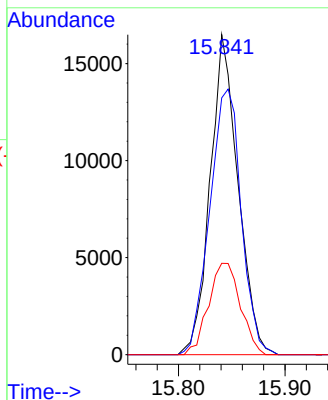
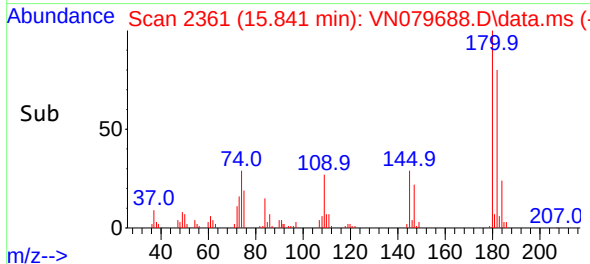
Tgt Ion:180 Resp: 30034
Ion Ratio Lower Upper
180 100
182 93.5 74.2 111.4
145 32.6 25.4 38.2

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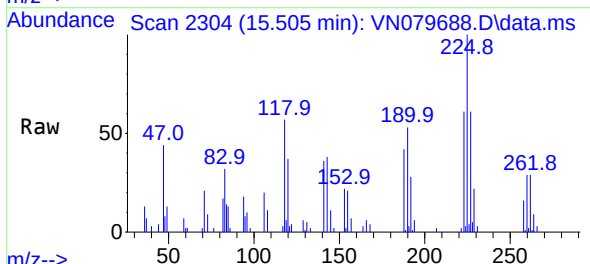
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

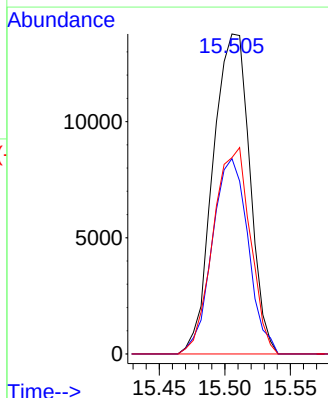
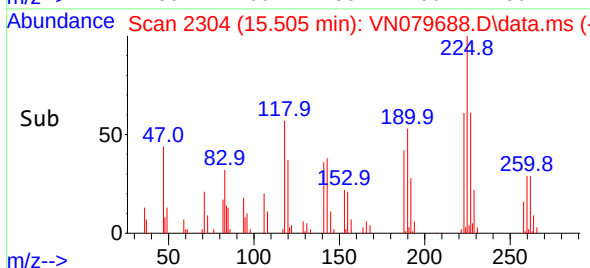
10/26/2023

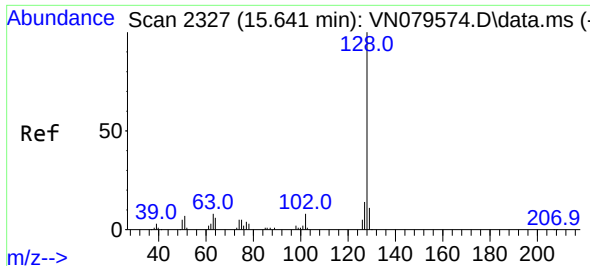


#90
Hexachlorobutadiene
Concen: 18.394 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



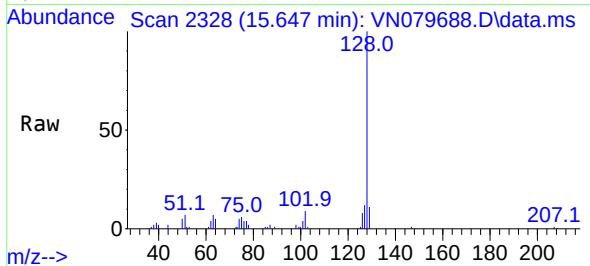
Tgt Ion:225 Resp: 26851
Ion Ratio Lower Upper
225 100
223 59.7 0.0 126.0
227 65.1 0.0 127.0





#91
Naphthalene
Concen: 11.246 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



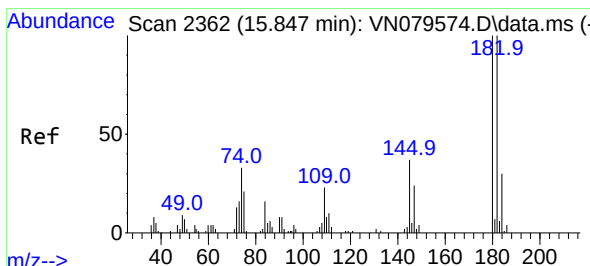
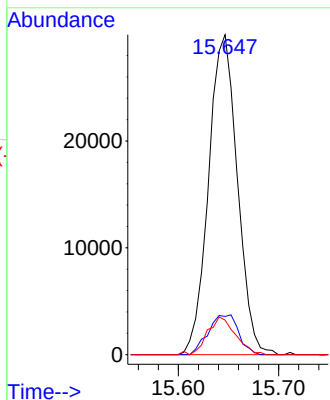
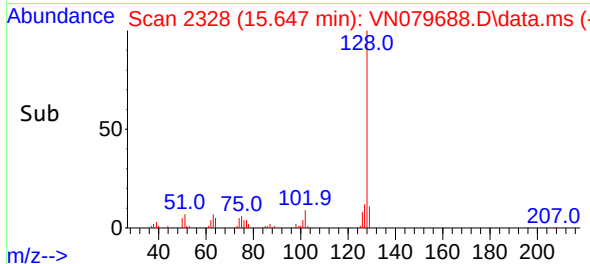
Tgt Ion:128 Resp: 59780
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
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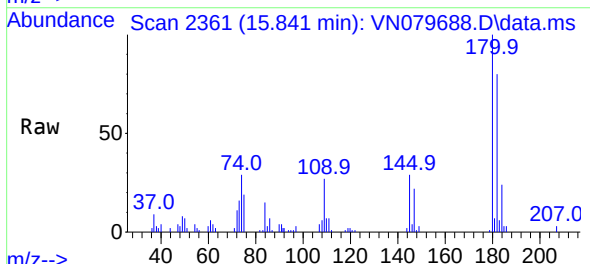
Reviewed By :John
Carlone

10/26/2023
Supervised By :Mahesh
Dadoda

10/26/2023



#92
1,2,3-Trichlorobenzene
Concen: 14.573 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079688.D
Acq: 25 Oct 2023 17:49



Tgt Ion:180 Resp: 30034
Ion Ratio Lower Upper
180 100
182 93.5 0.0 185.6
145 32.6 0.0 63.6

